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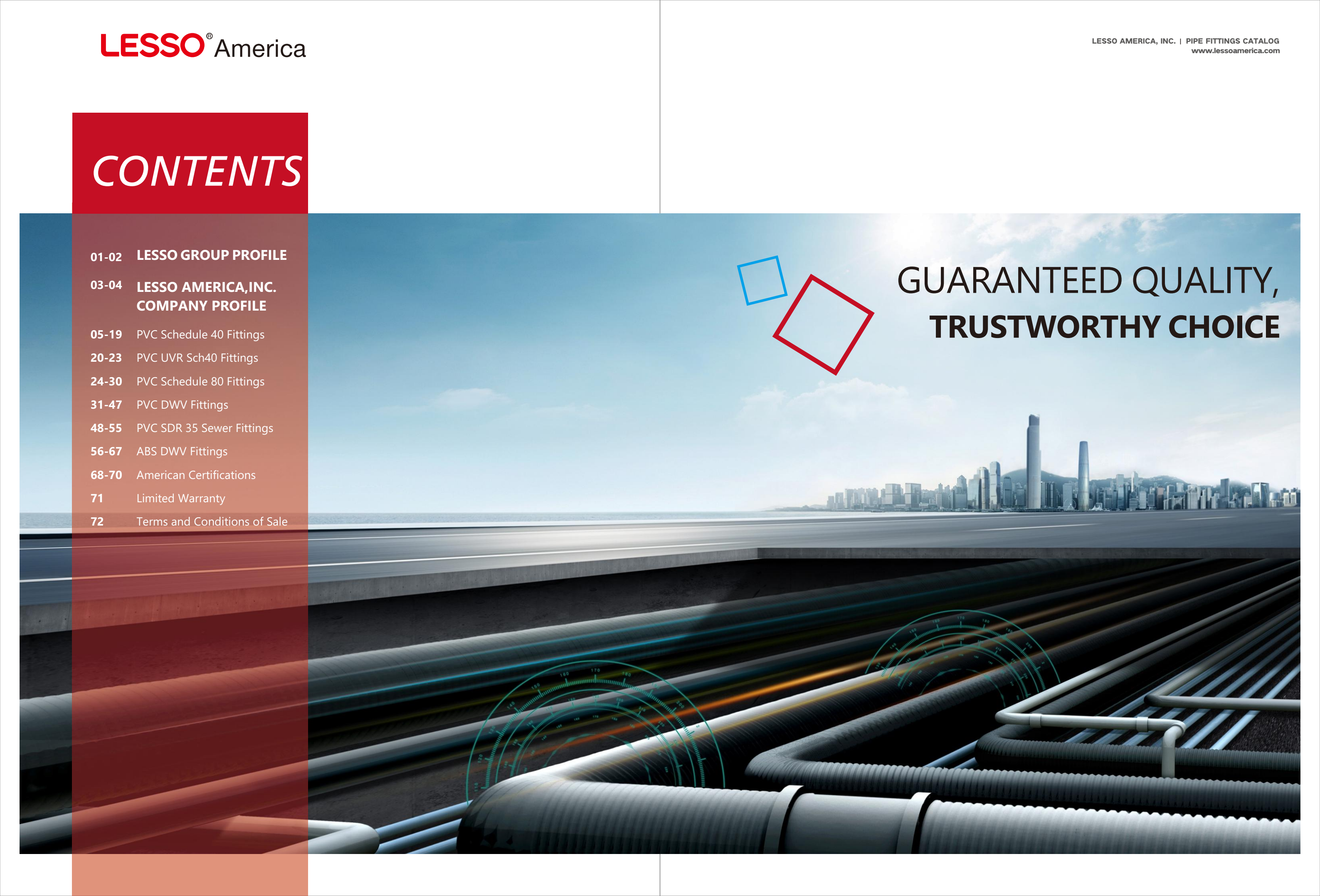
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LESSO AMERICA, INC.
PIPE FITTINGS CATALOG



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GUARANTEED QUALITY,
TRUSTWORTHY CHOICE

GROUP PROFILE



LESSO Research Institute & Testing Center LESSO College Training Apartment

China LESSO Group Holdings Limited

China Lesso Group Holdings Limited (Stock Name: China Lesso, Stock Code: 02128.HK) is a large industrial group of home furnishings and building materials in China. China Lesso's business portfolio spans plastic piping, building materials and home furnishings, environmental protection, new energy, supply-chain service platforms and others. It offers products such as pipes, photovoltaics, plumbing and sanitary ware, integral kitchen materials, integral doors and windows, aluminum formwork and smart scaffolds, water purifiers, water-proofing materials and sealants, fire-fighting equipment, valves, cables, lighting, hygiene materials, items for environmental protection, agricultural facilities, and oceanic aquaculture cages. Its sales revenue has reached RMB 30.767 billion in 2022.

With the rapid development of internationalization and globalization, China Lesso boasts more than 30 advanced production bases distributed in 18 provinces across China, and in some foreign countries. China Lesso remains committed to improving its strategic layout, broadening its sales network and expanding the market. This is how it provides products and services for customers in a timely and efficient way.

China Lesso has established its R&D center with more than 1,000 scientific researchers. The Group now possesses thirty-two national high-tech enterprises, one national accredited enterprise technology center, two post-doctoral workstations, six China national accredited laboratories authorized by CNAS, one key enterprise laboratory of plastics molding and processing technology in Guangdong Province, and one union of Technical Innovation of Plastic Pipe Industry in Guangdong Province. China Lesso owns over 2,900 patents (some of them are pending). Some of Lesso's scientific achievements are included in National

Torch Plan Projects, National Key New Product, Scientific Achievements Promotion Projects in National Construction Industry and Government Green Procurement List. The Group has been awarded many honorary titles, such as Champion Manufacturer, National Intellectual Property Right Model Enterprise, China Construction Independent Science Innovation Superior Enterprise, and Industrialization Demonstration Base. It has won numerous prizes, including First Prize of Science and Technology Progress of China Light Industry Association, First Prize of Science and Technology Progress of Ministry of Education, First Prize of Science and Technology Progress of Guangdong Province, First Prize of Technological Invention Award of Guangdong Province Science and Technology Award, Outstanding Patent Owner in China, and Guangdong Provincial Government Quality Prize.

As a domestic manufacturer of extensive home furnishings and building materials, China Lesso provides over 10,000 varieties of products with all specifications. Its products are being widely used in many areas, including home decoration, civil construction, municipal water supply, drainage, energy management, power supply and telecommunications, gas supply, fire-fighting, environmental protection, agriculture, oceanic aquaculture, and more.

True to its slogan of "Envisioning the Better, Building the Future", China Lesso will honor its promise of creating a healthy, enjoyable, and sustainable environment. The Group remains committed to improvements in urban construction to create better places to live. With concerted efforts from various sectors, Lesso will fully play its role in building green, livable, and efficient cities so that people could enjoy health and happiness anytime and anywhere in their city life.

COMPANY PROFILE



LESSO AMERICA, INC.



Based in Corona, CA, LESSO America, Inc. is a wholly owned subsidiary of China Lesso Group Holdings Limited. LESSO America absorbed decades of field experience in the plumbing and irrigation field from its listed parent, a leading player in the field.

To sustain its flawless plastic injection-molded product line and sales network, Lesso America manufactures and delivers high-quality plastic fittings with the latest injection mold tools and technology through distribution centers from coast to coast. With 100% dedication and commitment, LESSO America is leveraging the inherited success of its mother company's model to provide an outstanding customer experience for our clients.

Quality

Lesso America's plastic fittings line is renowned worldwide for its superior quality, which complies with cNSFus, CSA and cUPC certifications, and exceeds the requirements of ASTM standards.

Independent Research And Development, Keep Step With The World



International Certifications



PVC Schedule 40 Fittings

QUALITY

LESSO America's plastic fittings line is renowned worldwide for its superior quality, which complies with cNSFus and cUPC certifications, and exceeds the requirements of ASTM standards and CSA standards.

REFERENTIAL STANDARDS

NSF/ANSI 61 Drinking Water System Components - Health Effects

NSF/ANSI 14 Plastics Piping System Components and Related Materials

ASTM D 1784 Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds

ASTM D 2466 Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40

CSA B137.3 Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications



COLUMN HEADER INFORMATION

Each product column header label identifies the following product particulars:

Part Number: the number used to order the part. PN ending with B represents it with a UPC barcode.

Size: nominal diameter of pipe with which the fitting is to be used.

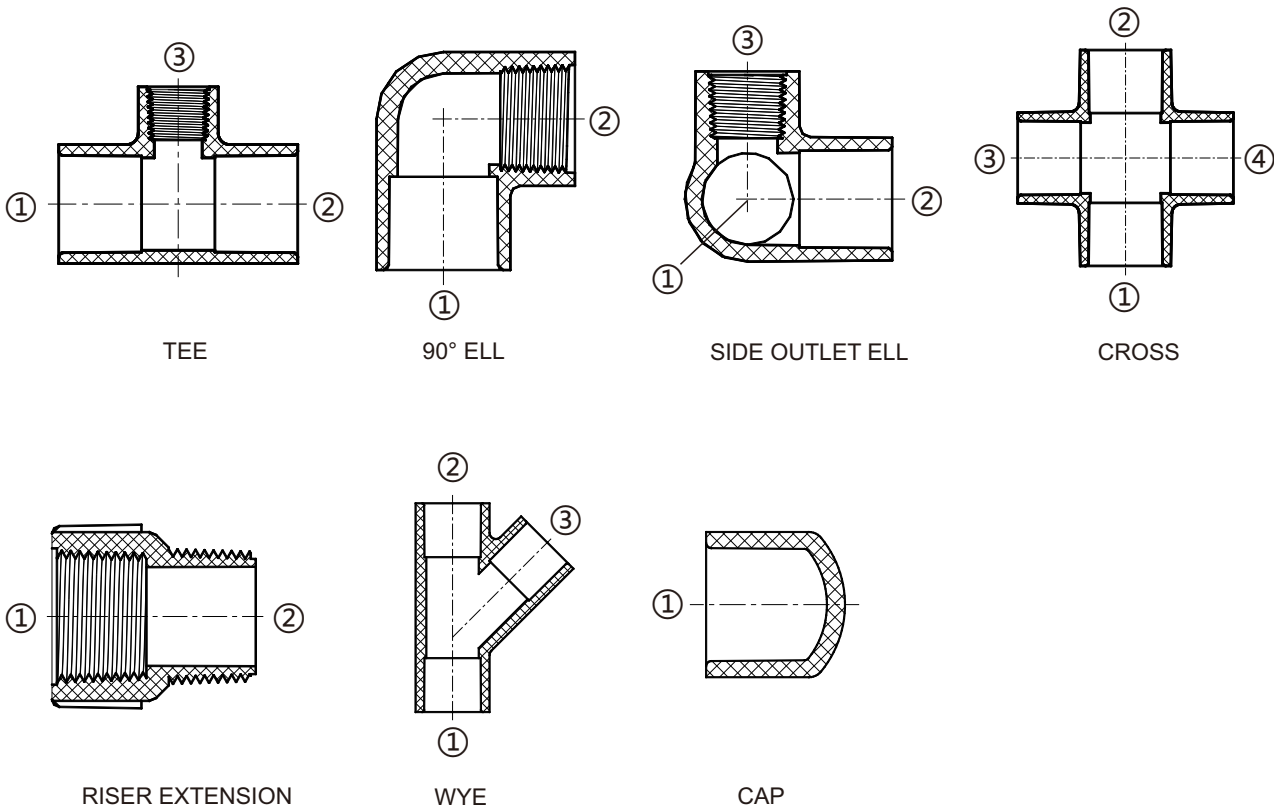
NOTE: Fittings may be same size (only one size designation) or reducing (multiple sizes designated).

Standard Pack (Std Pk) the quantity of parts packaged in an individual box or bag.

Master Carton (Mstr Ctn) the total quantity of parts contained in individual boxes or bags which are packaged together.

METHODS OF DESIGNATING INLETS OF FITTINGS

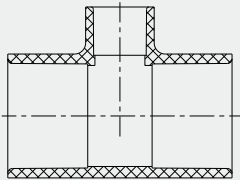
PVC SCHEDULE 40 FITTINGS



PVC SCHEDULE 40 FITTINGS



REDUCING TEE (SOC×SOC×SOC)

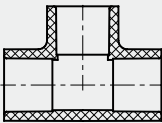


Part Number	Size (in)	Std PK	Mstr Ctn	Part Number	Size (in)	Std PK	Mstr Ctn
401-053	3/8x3/8x1/2	50	400	401-241	2x1-1/2x1-1/2	10	60
401-074	1/2x1/2x3/4	50	200	401-247	2x2x1/2	10	40
401-075	1/2x1/2x1	50	200	401-248	2x2x3/4	10	40
401-094	3/4x1/2x1/2	50	200	401-249	2x2x1	10	60
401-095	3/4x1/2x3/4	50	300	401-250	2x2x1-1/4	10	60
401-101	3/4x3/4x1/2	50	200	401-251	2x2x1-1/2	10	40
401-102	3/4x3/4x1	50	200	401-287	2-1/2x2-1/2x1/2	10	40
401-122	1x1/2x1	50	200	401-288	2-1/2x2-1/2x3/4	10	40
401-124	1x3/4x1/2	50	300	401-289	2-1/2x2-1/2x1	10	40
401-125	1x3/4x3/4	50	200	401-290	2-1/2x2-1/2x1-1/4	10	40
401-126	1x3/4x1	50	200	401-291	2-1/2x2-1/2x1-1/2	10	40
401-130	1x1x1/2	50	200	401-292	2-1/2x2-1/2x2	8	32
401-131	1x1x3/4	50	200	401-333	3x3x1/2	8	32
401-132	1x1x1-1/4	25	150	401-334	3x3x3/4	10	0
401-133	1x1x1-1/2	25	100	401-335	3x3x1	10	0
401-134	1x1x2	25	100	401-336	3x3x1-1/4	8	32
401-156	1-1/4x1x1/2	25	150	401-337	3x3x1-1/2	15	0
401-157	1-1/4x1x3/4	25	150	401-338	3x3x2	6	24
401-158	1-1/4x1x1	25	150	401-339	3x3x2-1/2	10	0
401-166	1-1/4x1-1/4x1/2	25	150	401-416	4x4x3/4	6	24
401-167	1-1/4x1-1/4x3/4	25	100	401-417	4x4x1	6	24
401-168	1-1/4x1-1/4x1	25	100	401-418	4x4x1-1/4	10	0
401-169	1-1/4x1-1/4x1-1/2	25	100	401-419	4x4x1-1/2	10	0
401-199	1-1/2x1-1/4x1/2	25	150	401-420	4x4x2	10	0
401-201	1-1/2x1-1/4x3/4	25	150	401-422	4x4x3	6	0
401-202	1-1/2x1-1/4x1	25	100	401-486	5x5x2	5	0
401-203	1-1/2x1-1/4x1-1/4	25	100	401-488	5x5x3	8	0
401-209	1-1/2x1-1/2x1/2	25	100	401-490	5x5x4	6	0
401-210	1-1/2x1-1/2x3/4	25	100	401-528	6x6x2	6	0
401-211	1-1/2x1-1/2x1	25	100	401-530	6x6x3	5	0
401-212	1-1/2x1-1/2x1-1/4	25	100	401-532	6x6x4	5	0
401-213	1-1/2x1-1/2x2	10	60	401-582	8x8x4	8	0
401-233	2x1x2	10	40	401-585	8x8x6	5	0
401-238	2x1-1/2x3/4	10	40				
401-239	2x1-1/2x1	10	60				

PVC SCHEDULE 40 FITTINGS

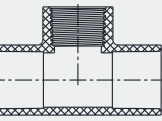


TEE (SOC×SOC×SOC)



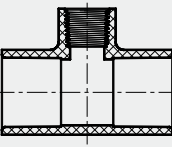
Part Number	Size (in)	Std PK	Mstr Ctn
401-003	3/8	50	400
401-005	1/2	50	300
401-007	3/4	50	300
401-010	1	50	200
401-012	1-1/4	25	100
401-015	1-1/2	25	100
401-020	2	25	0
401-025	2-1/2	10	0
401-030	3	10	0
401-040	4	6	0
401-050	5	5	0
401-060	6	2	0
401-080	8	5	0

TEE (SOC×SOC×FIPT)



Part Number	Size (in)	Std PK	Mstr Ctn
402-005	1/2	50	300
402-007	3/4	50	300
402-010	1	50	200
402-012	1-1/4	25	100
402-015	1-1/2	25	100
402-020	2	10	60
402-025	2- 1/2	15	0
402-030	3	10	0
402-040	4	6	0

REDUCING TEE (SOC×SOC× FIPT)

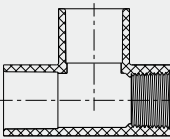


Part Number	Size (in)	Std PK	Mstr Ctn
402-071	1/2x1/2x1/8	50	200
402-072	1/2x1/2x1/4	50	400
402-074	1/2x1/2x3/4	50	200
402-094	3/4x1/2x1/2	50	200
402-095	3/4x1/2x3/4	50	300
402-101	3/4x3/4x1/2	50	200
402-124	1x3/4x1/2	50	300
402-125	1x3/4x3/4	40	240
402-130	1x1x1/2	50	200
402-131	1x1x3/4	50	200
402-156	1-1/4x1x1/2	25	100
402-157	1-1/4x1x3/4	25	150
402-158	1-1/4x1x1	25	150
402-166	1-1/4x1-1/4x1/2	25	150
402-167	1-1/4x1-1/4x3/4	25	150
402-168	1-1/4x1-1/4x1	25	150
402-199	1-1/2x1-1/4x1/2	25	150
402-201	1-1/2x1-1/4x3/4	25	150
402-202	1-1/2x1-1/4x1	25	150
402-209	1-1/2x1-1/2x1/2	25	150
402-210	1-1/2x1-1/2x3/4	25	100
402-211	1-1/2x1-1/2x1	25	100
402-212	1-1/2x1-1/2x1-1/4	25	100
402-239	2x1-1/2x1	10	40
402-247	2x2x1/2	10	40
402-248	2x2x3/4	10	60
402-249	2x2x1	10	40
402-250	2x2x1-1/4	10	60
402-251	2x2x1-1/2	10	60
402-287	2-1/2x2-1/2x1/2	10	40
402-288	2-1/2x2-1/2x3/4	10	40
402-289	2-1/2x2-1/2x1	10	40
402-290	2-1/2x2-1/2x1-1/4	10	40
402-291	2-1/2x2-1/2x1-1/2	10	40
402-292	2-1/2x2-1/2x2	8	32
402-333	3x3x1/2	8	32
402-334	3x3x3/4	8	32
402-335	3x3x1	8	32
402-336	3x3x1-1/4	8	32
402-337	3x3x1-1/2	10	0
402-338	3x3x2	6	24
402-416	4x4x3/4	6	24
402-417	4x4x1	6	24
402-418	4x4x1-1/4	10	0
402-419	4x4x1-1/2	10	0
402-420	4x4x2	10	0
402-422	4x4x3	6	0
402-490	5x5x4	6	0
402-525	6x6x1	6	0
402-528	6x6x2	4	0
402-530	6x6x3	4	0
402-532	6x6x4	2	0

PVC SCHEDULE 40 FITTINGS

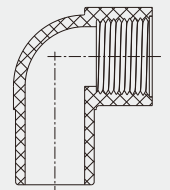


TEE (SOC×FIPT ×SOC)



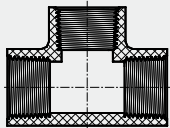
Part Number	Size (in)	Std PK	Mstr Ctn
403-005	1/2	50	300
403-007	3/4	50	300

90° STREET ELL (SPIG×FIPT)



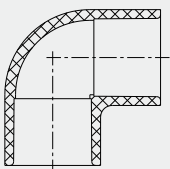
Part Number	Size (in)	Std PK	Mstr Ctn
404-005	1/2	50	400
404-007	3/4	50	300

TEE (FIPT×FIPT×FIPT)



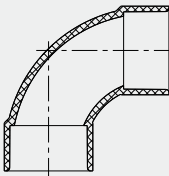
Part Number	Size (in)	Std PK	Mstr Ctn
405-005	1/2	50	300
405-007	3/4	50	200
405-010	1	50	200
405-012	1-1/4	25	150
405-015	1-1/2	25	100
405-020	2	10	60

90° ELL (SOC×SOC)



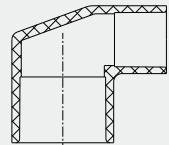
Part Number	Size (in)	Std PK	Mstr Ctn
406-003	3/8	50	600
406-005	1/2	50	400
406-007	3/4	50	200
406-010	1	50	300
406-012	1-1/4	25	150
406-015	1-1/2	25	100
406-020	2	20	80
406-025	2-1/2	10	40
406-030	3	10	0
406-040	4	8	0
406-050	5	4	0
406-060	6	3	0
406-080	8	4	0

90° SWEEP ELL (SOC×SOC)



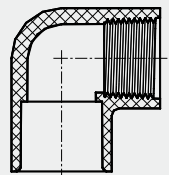
Part Number	Size (in)	Std PK	Mstr Ctn
406-015S	1-1/2	25	100
406-020S	2	15	60
406-025S	2-1/2	15	0
406-030S	3	25	0

90° REDUCING ELL (SOC×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
406-053	3/8x1/2	50	400
406-101	3/4x1/2	50	300
406-130	1x1/2	50	300
406-131	1x3/4	50	300
406-166	1-1/4x1/2	25	150
406-167	1-1/4x3/4	25	150
406-168	1-1/4x1	25	150
406-209	1-1/2x1/2	25	100
406-211	1-1/2x1	25	100
406-212	1-1/2x1-1/4	25	100
406-249	2x1	10	40
406-250	2x1-1/4	10	40
406-251	2x1-1/2	10	40
406-292	2-1/2x2	10	40

90° ELL (SOC×FIPT)

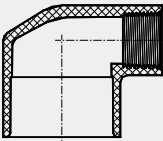


Part Number	Size (in)	Std PK	Mstr Ctn
407-005	1/2	50	400
407-007	3/4	50	200
407-010	1	50	300
407-012	1-1/4	25	150
407-015	1-1/2	25	100
407-020	2	10	40
407-025	2-1/2	9	36
407-030	3	6	24
407-040	4	7	0

PVC SCHEDULE 40 FITTINGS

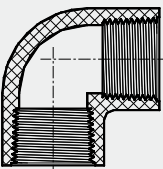


90° REDUCING ELL (SOC×FIPT)



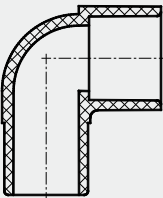
Part Number	Size (in)	Std PK	Mstr Ctn
407-053	3/8x1/2	50	400
407-074	1/2x3/4	50	300
407-101	3/4x1/2	50	300
407-130	1x1/2	50	200
407-131	1x3/4	50	300
407-168	1-1/4x1	25	100
407-211	1-1/2x1	25	100
407-212	1-1/2x1-1/4	15	60
407-249	2x1	10	40
407-250	2x1-1/4	10	40
407-251	2x1-1/2	10	40

90° ELL (FIPT×FIPT)



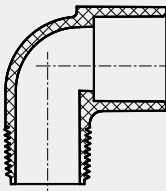
Part Number	Size (in)	Std PK	Mstr Ctn
408-005	1/2	50	400
408-007	3/4	50	300
408-010	1	50	300
408-012	1-1/4	25	150
408-015	1-1/2	35	140
408-020	2	10	60

90° STREET ELL (SPIG×SOC)



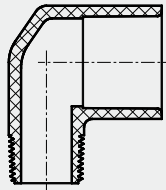
Part Number	Size (in)	Std PK	Mstr Ctn
409-005	1/2	50	400
409-007	3/4	50	200
409-010	1	50	300
409-012	1-1/4	25	150
409-015	1-1/2	25	100
409-020	2	10	60
409-025	2-1/2	10	40
409-030	3	15	0
409-040	4	10	0
409-060	6	5	0

90° STREET ELL (MIPT×SOC)



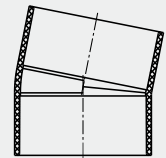
Part Number	Size (in)	Std PK	Mstr Ctn
410-005	1/2	50	400
410-007	3/4	50	200
410-010	1	50	300
410-012	1-1/4	25	100
410-015	1-1/2	25	100
410-020	2	10	40

90° REDUCING STREET ELL (MIPT×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
410-101	3/4x1/2	50	300
410-102	3/4x1	50	200

11-1/4° ELL (SOC×SOC)

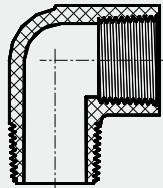


Part Number	Size (in)	Std PK	Mstr Ctn
411-100	10	4	0
411-120	12	2	0

PVC SCHEDULE 40 FITTINGS

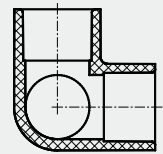


90° STREET ELL (MIPT×FIPT)



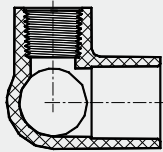
Part Number	Size (in)	Std PK	Mstr Ctn
412-005	1/2	50	400
412-007	3/4	50	300
412-010	1	50	300
412-012	1-1/4	25	100
412-015	1-1/2	25	150
412-020	2	10	40

SIDE OUTLET ELL (SOC×SOC×SOC)



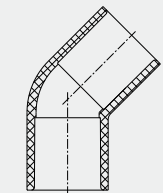
Part Number	Size (in)	Std PK	Mstr Ctn
413-005	1/2	50	300
413-007	3/4	50	300
413-010	1	25	150
413-015	1-1/2	10	60
413-020	2	10	40

SIDE OUTLET ELL (SOC×SOC×FIPT)



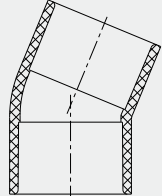
Part Number	Size (in)	Std PK	Mstr Ctn
414-005	1/2	50	300
414-007	3/4	50	300
414-101	3/4x3/4x1/2	50	200
414-010	1	20	80
414-130	1x1x1/2	50	200

DEEP SOCKET 45° ELL (SOC×SOC)



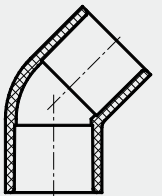
Part Number	Size (in)	Std PK	Mstr Ctn
417-020DS	2	20	80
417-025DS	2-1/2		
417-030DS	3	25	0

22-1/2° ELL (SOC×SOC)



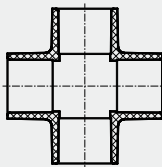
Part Number	Size (in)	Std PK	Mstr Ctn
416-015	1-1/2	20	80
416-020	2	20	120
416-025	2-1/2	10	60
416-030	3	20	0
416-040	4	12	0
416-060	6	4	0
416-100	10		

45° ELL (SOC×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
417-005	1/2	50	400
417-007	3/4	50	200
417-010	1	50	300
417-012	1-1/4	25	150
417-015	1-1/2	25	100
417-020	2	25	100
417-025	2-1/2	10	40
417-030	3	15	0
417-040	4	4	16
417-050	5	10	0
417-060	6	5	0
417-080	8	6	0
417-100	10	4	0

CROSS (SOC×SOC×SOC×SOC)

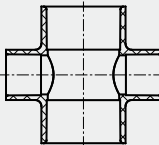


Part Number	Size (in)	Std PK	Mstr Ctn
420-005	1/2	50	200
420-007	3/4	50	200
420-010	1	25	100
420-012	1-1/4	50	0
420-015	1-1/2	25	0
420-020	2	8	32
420-025	2-1/2	10	0
420-030	3	6	0
420-040	4	6	0
420-060	6	2	0

PVC SCHEDULE 40 FITTINGS

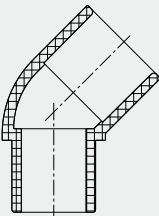


REDUCING CROSS (SOC×SOC×SOC×SOC)



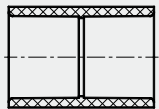
Part Number	Size (in)	Std PK	Mstr Ctn
420-101	3/4x3/4x1/2x1/2	50	300
420-249	2x2x1x1	10	40
420-251	2x2x1-1/2x1-1/2	10	40
420-335	3x3x1x1	18	0
420-337	3x3x1-1/2x1-1/2	15	0
420-338	3x3x2x2	12	0
420-419	4x4x1-1/2x1-1/2	8	0
420-420	4x4x2x2	6	0
420-422	4x4x3x3	5	0
420-528	6x6x2x2	3	0
420-532	6x6x4x4	2	0

45° STREET ELL (SPIG×SOC)



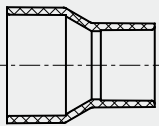
Part Number	Size (in)	Std PK	Mstr Ctn
427-005	1/2	50	600
427-007	3/4	50	200
427-010	1	50	200
427-012	1-1/4	25	100
427-015	1-1/2	25	150
427-020	2	25	100
427-025	2-1/2	10	40
427-030	3	5	30
427-040	4	20	0
427-060	6	8	0
427-080	8	6	0
427-100	10	4	0

COUPLING (SOC×SOC)



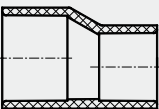
Part Number	Size (in)	Std PK	Mstr Ctn
429-003	3/8	50	600
429-005	1/2	50	600
429-007	3/4	100	400
429-010	1	50	200
429-012	1-1/4	25	150
429-015	1-1/2	25	100
429-020	2	25	100
429-025	2-1/2	12	72
429-030	3	10	40
429-040	4	6	24
429-050	5	15	0
429-060	6	6	0
429-080	8	8	0
429-100	10	8	0
429-120	12	2	0

REDUCING COUPLING (SOC×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
429-101	3/4x1/2	50	400
429-130	1x1/2	25	300
429-131	1x3/4	50	300
429-166	1-1/4x1/2	25	150
429-167	1-1/4x3/4	25	150
429-168	1-1/4x1	25	150
429-209	1-1/2x1/2	25	150
429-210	1-1/2x3/4	25	150
429-211	1-1/2x1	25	100
429-212	1-1/2x1-1/4	25	100
429-247	2x1/2	10	80
429-248	2x3/4	10	80
429-249	2x1	25	150
429-250	2x1-1/4	10	80
429-251	2x1-1/2	10	80
429-291	2-1/2x1-1/2	10	40
429-292	2-1/2x2	10	40
429-338	3x2	8	32
429-340	3x2-1/2	8	32
429-420	4x2	4	16
429-421	4x2-1/2	6	24
429-422	4x3	4	16
429-528	6x2	10	0
429-530	6x3	15	0
429-532	6x4	5	0
429-582	8x4	12	0
429-585	8x6	12	0
429-626	10x6	8	0
429-628	10x8	8	0
429-668	12x8	3	0
429-670	12x10	3	0

ECCENTRIC REDUCER COUPLING (SOC×SOC)

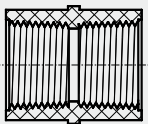


Part Number	Size (in)	Std PK	Mstr Ctn
429-168E	1-1/4x1	25	150
429-212E	1-1/2x1-1/4	25	100
429-251E	2x1-1/2	10	80
429-292E	2-1/2x2	10	60
429-338E	3x2	9	36
429-420E	4x2	15	0
429-421E	4x2-1/2	6	24
429-422E	4x3	12	0
429-528E	6x2	3	0
429-530E	6x3	3	0
429-532E	6x4	5	0

PVC SCHEDULE 40 FITTINGS

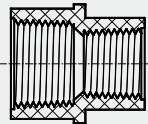


COUPLING (FIPT×FIPT)



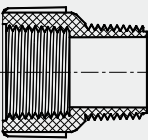
Part Number	Size (in)	Std PK	Mstr Ctn
430-005	1/2	50	600
430-007	3/4	50	400
430-010	1	50	200
430-012	1-1/4	10	120
430-020	2	10	80

REDUCING COUPLING (FIPT×FIPT)



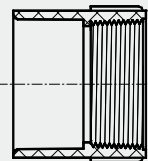
Part Number	Size (in)	Std PK	Mstr Ctn
430-101	3/4x1/2	50	400
430-131	1x3/4	50	300

RISER EXTENSION (FIPT×MIPT)



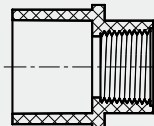
Part Number	Size (in)	Std PK	Mstr Ctn
434-005	1/2	50	600
434-007	3/4	50	400

FEMALE ADAPTER (SOC×FIPT)



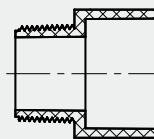
Part Number	Size (in)	Std PK	Mstr Ctn
435-003	3/8	100	1200
435-005	1/2	50	600
435-007	3/4	50	400
435-010	1	50	200
435-012	1-1/4	25	100
435-015	1-1/2	25	100
435-020	2	10	80
435-025	2-1/2	10	40
435-030	3	10	40
435-040	4	6	36

REDUCING FEMALE ADAPTER (SOC×FIPT)



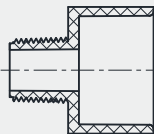
Part Number	Size (in)	Std PK	Mstr Ctn
435-072	1/2x1/4	50	600
435-073	1/2x3/8	50	600
435-074	1/2x3/4	100	600
435-101	3/4x1/2	50	400
435-102	3/4x1	25	200
435-130	1x1/2	50	200
435-131	1x3/4	50	200
435-133	1x1-1/2	25	150
435-168	1-1/4x1	25	100

MALE ADAPTER (MIPT×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
436-003	3/8	50	600
436-005	1/2	50	600
436-007	3/4	50	400
436-010	1	50	200
436-012	1-1/4	25	150
436-015	1-1/2	25	100
436-020	2	25	100
436-025	2-1/2	10	40
436-030	3	10	60
436-040	4	4	16
436-060	6	6	0

REDUCING MALE ADAPTER (MIPT×SOC)



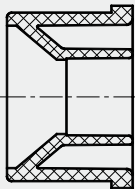
Part Number	Size (in)	Std PK	Mstr Ctn
436-053	3/8x1/2	50	600
436-073	1/2x3/8	50	600
436-074	1/2x3/4	50	400
436-075	1/2x1	40	240
436-101	3/4x1/2	50	600
436-102	3/4x1	50	300
436-131	1x3/4	50	400
436-132	1x1-1/4	50	300
436-133	1x1-1/2	50	300
436-168	1-1/4x1	25	200
436-169	1-1/4x1-1/2	25	150
436-212	1-1/2x1-1/4	25	100
436-213	1-1/2x2	25	100
436-251	2x1-1/2	10	80
436-252	2x2-1/2	10	40
436-253	2x3	10	60
436-342	3x4	5	30

PVC SCHEDULE 40 FITTINGS



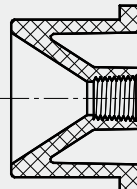
REDUCING BUSHING FLUSH STYLE (SPIG×SOC)

Part Number	Size (in)	Std PK	Mstr Ctn
437-072	1/2x1/4	50	600
437-073	1/2x3/8	50	600
437-101	3/4x1/2	50	600
437-130	1x1/2	50	400
437-131	1x3/4	50	400
437-166	1-1/4x1/2	25	300
437-167	1-1/4x3/4	25	300
437-168	1-1/4x1	25	300
437-209	1-1/2x1/2	25	150
437-210	1-1/2x3/4	25	150
437-211	1-1/2x1	25	150
437-212	1-1/2x1-1/4	25	150
437-247	2x1/2	10	80
437-248	2x3/4	10	60
437-249	2x1	10	80
437-250	2x1-1/4	10	80
437-251	2x1-1/2	10	80
437-287	2-1/2x1/2	10	60
437-288	2-1/2x3/4	10	60
437-289	2-1/2x1	10	60
437-290	2-1/2x1-1/4	10	60
437-291	2-1/2x1-1/2	10	60
437-292	2-1/2x2	10	60
437-334	3x3/4	10	40
437-335	3x1	10	40
437-336	3x1-1/4	10	40
437-337	3x1-1/2	10	40
437-338	3x2	10	40
437-339	3x2-1/2	15	90
437-420	4x2	6	24
437-421	4x2-1/2	6	24
437-422	4x3	6	24
437-488	5x3	15	0
437-490	5x4	15	0
437-528	6x2	9	0
437-530	6x3	9	0
437-532	6x4	9	0
437-534	6x5	20	0
437-582	8x4	3	0
437-585	8x6	3	0
437-623	10x3	12	0
437-624	10x4	12	0
437-626	10x6	12	0
437-628	10x8	16	0
437-663	12x3	4	0
437-664	12x4	4	0
437-666	12x6	4	0
437-668	12x8	4	0
437-670	12x10	4	0



REDUCING BUSHING FLUSH STYLE (SPIG×FIPT)

Part Number	Size (in)	Std PK	Mstr Ctn
438-052	3/8x1/4	50	600
438-071	1/2x1/8	50	600
438-072	1/2x1/4	50	600
438-073	1/2x3/8	50	600
438-098	3/4x1/4	50	600
438-101	3/4x1/2	100	800
438-128	1x1/4	50	400
438-129	1x3/8	50	400
438-130	1x1/2	50	400
438-131	1x3/4	50	400
438-166	1-1/4x1/2	25	200
438-167	1-1/4x3/4	25	200
438-168	1-1/4x1	25	100
438-207	1-1/2x1/4	25	200
438-209	1-1/2x1/2	25	150
438-210	1-1/2x3/4	25	100
438-211	1-1/2x1	25	150
438-212	1-1/2x1-1/4	25	150
438-245	2x1/4	10	120
438-247	2x1/2	10	120
438-248	2x3/4	10	120
438-249	2x1	10	120
438-250	2x1-1/4	10	120
438-251	2x1-1/2	10	120
438-288	2-1/2x3/4	10	60
438-289	2-1/2x1	10	60
438-290	2-1/2x1-1/4	10	60
438-291	2-1/2x1-1/2	10	60
438-292	2-1/2x2	10	60
438-335	3x1	10	40
438-336	3x1-1/4	10	40
438-337	3x1-1/2	10	40
438-338	3x2	10	40
438-339	3x2-1/2	10	40
438-420	4x2	6	24
438-421	4x2-1/2	6	24
438-422	4x3	6	24
438-490	5x4	6	24
438-528	6x2	9	0
438-530	6x3	9	0
438-532	6x4	9	0

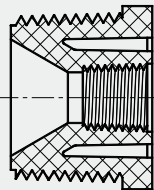


PVC SCHEDULE 40 FITTINGS



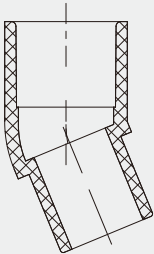
REDUCING T.T. BUSHING FLUSH STYLE (MIPT×FIPT)

Part Number	Size (in)	Std PK	Mstr Ctn
439-052	3/8x1/4	50	600
439-072	1/2x1/4	150	1800
439-073	1/2x3/8	50	600
439-098	3/4x1/4	50	600
439-099	3/4x3/8	50	600
439-101	3/4x1/2	50	600
439-128	1x1/4	25	300
439-130	1x1/2	50	600
439-131	1x3/4	50	600
439-166	1-1/4x1/2	25	300
439-167	1-1/4x3/4	25	300
439-168	1-1/4x1	25	300
439-198	1-1/2x2	40	240
439-209	1-1/2x1/2	25	200
439-210	1-1/2x3/4	25	200
439-211	1-1/2x1	25	200
439-212	1-1/2x1-1/4	25	200
439-248	2x3/4	10	120
439-249	2x1	10	120
439-250	2x1-1/4	10	120
439-251	2x1-1/2	10	120
439-292	2-1/2x2	10	60
439-338	3x2	10	60
439-422	4x3	6	24



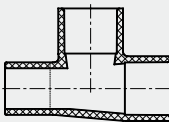
22-1/2° STREET ELL(SPIG×SOC)

Part Number	Size (in)	Std PK	Mstr Ctn
442-005	1/2	50	600
442-007	3/4	50	300
442-010	1	50	200
442-012	1-1/4	25	100
442-015	1-1/2	30	120
442-020	2	20	80
442-025	2-1/2	10	60
442-030	3	5	30
442-040	4	4	16
442-060	6	5	0



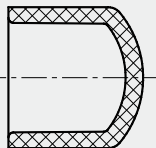
STREET TEE (SPIG×SOC×SOC)

Part Number	Size (in)	Std PK	Mstr Ctn
444-005	1/2	25	200
444-007	3/4	15	120
444-010	1	15	90
444-012	1-1/4	10	40
444-015	1-1/2	10	40
444-020	2	10	40



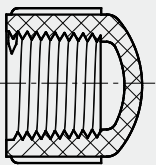
CAP (SOC)

Part Number	Size (in)	Std PK	Mstr Ctn
447-003	3/8	100	1200
447-005	1/2	100	1200
447-007	3/4	50	600
447-010	1	50	300
447-012	1-1/4	25	150
447-015	1-1/2	25	150
447-020	2	10	80
447-025	2-1/2	10	60
447-030	3	10	40
447-040	4	6	24
447-050	5	6	24
447-060	6	8	0
447-080	8	12	0
447-100	10	12	0
447-120	12	6	0



CAP (FIPT)

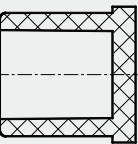
Part Number	Size (in)	Std PK	Mstr Ctn
448-003	3/8	100	1200
448-005	1/2	100	1200
448-007	3/4	50	600
448-010	1	50	400
448-012	1-1/4	25	200
448-015	1-1/2	25	150
448-020	2	10	120
448-025	2-1/2	10	60
448-030	3	10	40
448-040	4	6	36
448-060	6	13	0



PVC SCHEDULE 40 FITTINGS

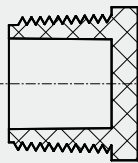


PLUG (SPIG)



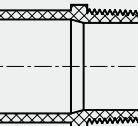
Part Number	Size (in)	Std PK	Mstr Ctn
449-003	3/8	150	1800
449-005	1/ 2	100	1200
449-007	3/4	50	600
449-010	1	50	400
449-012	1-1/4	25	200
449-015	1-1/2	25	150
449-020	2	10	120
449-025	2-1/2	10	60
449-030	3	10	40
449-040	4	6	24
449-060	6	8	0

PLUG (MIPT)



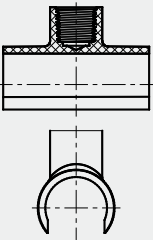
Part Number	Size (in)	Std PK	Mstr Ctn
450-003	3/8	100	1200
450-005	1/2	150	1800
450-007	3/4	100	1200
450-010	1	50	400
450-012	1-1/4	25	300
450-015	1-1/2	25	200
450-020	2	10	120
450-025	2-1/2	10	60
450-030	3	10	40
450-040	4	6	24
450-060	6	4	16

MALE ADAPTER (TAKE OFF) (SPIG×MIPT)



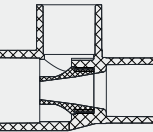
Part Number	Size (in)	Std PK	Mstr Ctn
461-005	1/ 2	50	600
461-007	3/4	50	400
461-010	1	50	300
461-015	1-1/2	25	100
461-020	2	25	100

SNAP-ON SADDLE (IPS O.D.×FIPT)



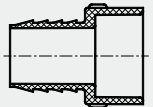
Part Number	Size (in)	Std PK	Mstr Ctn
464-007	3/4	25	200
464-101	3/4x1/2	50	200
464-130	1x1/2	25	150
464-131	1x3/4		
Non-Pressure Rated NSF Not Available			

VENTURIED TEE (SOC×SOC(SPIG)×SOC(SPIG))



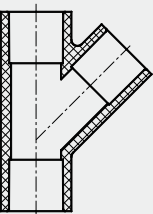
Part Number	Size (in)	Std PK	Mstr Ctn
473-210	1-1/2x1-1/2(2)x3/4(1)	30	120
473-825	1x3/4(1)x3/4(1)	40	240

INSERT ADAPTER (INSERT×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
474-007	3/4	50	400
474-010	1	25	200
474-015	1-1/2	25	100
474-020	2	20	80
ASTM D 2609 ASTM D 2466 NSF Not Available			

WYE (SOC×SOC×SOC)

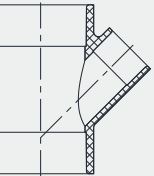


Part Number	Size (in)	Std PK	Mstr Ctn
475-005	1/ 2	25	150
475-007	3/4	20	80
475-010	1	20	120
475-012	1-1/4	20	80
475-015	1-1/2	15	60
475-020	2	10	40
475-025	2-1/2	3	12
475-030	3	6	0
475-040	4	5	0
475-060	6	2	0
Pressure Rating 1/2" - 2" 235psi @73°F(23°C) 2-1/2" - 6" 150psi @73°F(23°C)			

PVC SCHEDULE 40 FITTINGS



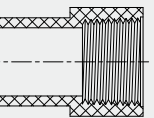
REDUCING WYE (SOC×SOC×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
475-101	3/4x3/4x1/2	20	120
475-131	1x1x3/4	20	80
475-210	1-1/2x1-1/2x3/4	20	80
475-211	1-1/2x1-1/2x1	20	80
475-212	1-1/2x1-1/2x1-1/4	15	60
475-251	2x2x1-1/2	10	40
475-292	2-1/2x2-1/2x2	4	24
475-338	3x3x2	10	0
475-339	3x3x2-1/2	8	0
475-420	4x4x2	5	0
475-422	4x4x3	5	0
475-528	6x6x2	5	0
475-530	6x6x3	5	0
475-532	6x6x4	3	0

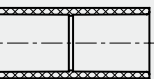
Pressure Rating
1/2" - 2" 235psi @73°F(23°C)
2-1/2" - 6" 150psi @73°F(23°C)

SPIGOT FEMALE ADAPTER (SPIG X FIPT)



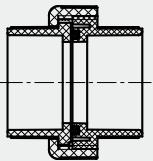
Part Number	Size (in)	Std PK	Mstr Ctn
478-005	1/2	50	600
478-007	3/4	25	300
478-010	1	40	240
478-012	1-1/4	30	120
478-015	1-1/2	30	120
478-020	2	25	100

DEEP SOCKET COUPLING (SOC×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
479-005	1/2	50	400
479-007	3/4	50	300
479-010	1	50	300
479-012	1-1/4	50	200
479-015	1-1/2	30	120
479-020	2	60	0
479-025	2-1/2	25	0
479-030	3	20	0
479-040	4	10	0
479-060	6	5	0

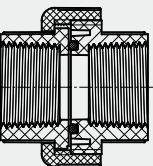
UNION W/O-RING SEAL (SOC×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
497-005	1/ 2	20	240
497-007	3/4	10	120
497-010	1	10	80
497-012	1-1/4	8	64
497-015	1-1/2	10	40
497-020	2	5	30

Pressure Rating 150psi @73°F(23°C)

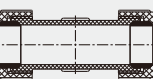
UNION W/O-RING SEAL (FIPT×FIPT)



Part Number	Size (in)	Std PK	Mstr Ctn
498-005	1/ 2	20	240
498-007	3/4	10	120
498-010	1	10	80
498-012	1-1/4	8	64
498-015	1-1/2	15	60
498-020	2	5	30

Pressure Rating 150psi @73°F(23°C)

COMPRESSION COUPLING(GASKET×GASKET)



Part Number	Size (in)	Std PK	Mstr Ctn
IR90-05	1/ 2	30	120
IR90-07	3/4	30	180
IR90-10	1	10	40
IR90-12	1-1/4	15	60
IR90-15	1-1/2	10	40
IR90-20	2	6	24
IR90-25	2-1/2	15	0
IR90-30	3	7	0
IR90-40	4	10	0
IR90-60	6	3	0

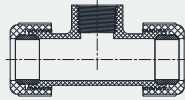
Pressure Rating 200psi @73°F(23°C)

PVC SCHEDULE 40 FITTINGS



COMPRESSION TEE (GASKET×GASKET×FIPT)

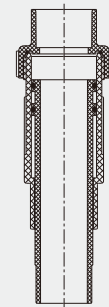
Part Number	Size (in)	Std PK	Mstr Ctn
IR91-05	1/2	30	180
IR91-07	3/4	25	150
IR91-10	1	10	40



Pressure Rating 200psi @73°F(23°C)

EXPAND REPAIR COUPLING (SOC×SPIG)

Part Number	Size (in)	Std PK	Mstr Ctn
FSF-050	1/ 2	25	100
FSF-075	3/4	20	80
FSF-100	1	10	40
FSF-125	1-1/4	6	24
FSF-150	1-1/2	6	24
FSF-200	2	18	0
FSF-250	2-1/2	20	0
FSF-300	3	6	0
FSF-400	4	7	0
FSF-600	6	2	0



Pressure Rating:
1/2" -2" 235psi @73°F(23°C)
2-1/2 -4" 200psi @73°F(23°C)
6" 150psi @73°F(23°C)

Fitting Terms and Abbreviations:

ELL : Elbow

SOC : Solvent Weld Socket

SPIG : Spigot End (pipe O.D. size)

MIPT : Male Iron Pipe Thread

FIPT : Female Iron Pipe Thread

INSERT : Barbed Insert End

GASKET : Elastomer Gasket Sealed Connection

IPS O.D. : Iron Pipe Size Outside Diameter

W/ : with

Note: part of item aren't listed in UPC certification

PVC UVR Sch40 Fittings

QUALITY

LESSO America's plastic fittings line is renowned worldwide for its Superior quality, which complies with cNSFus and UPC certifications, and exceeds the requirements of ASTM standards and CSA standards.

REFERENTIAL STANDARDS

NSF/ANSI 61 Drinking Water System Components - Health Effects

NSF/ANSI 14 Plastics Piping System Components and Related Materials

ASTM D 1784 Standard Specification for Rigid Poly(Vinyl Chloride)(PVC)
Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds

ASTM D 2466 Standard Specification for Poly(Vinyl Chloride) (PVC)
Plastic Pipe Fittings, Schedule 40

CSA B 137.3 Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications

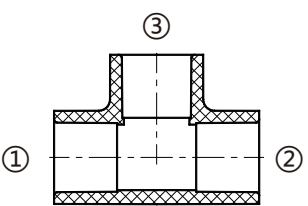


COLUMN HEADER INFORMATION

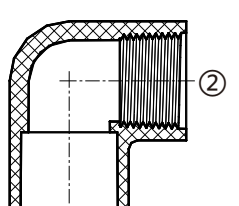
Each product column header label identifies the following product particulars:
Part Number: the number used to order the part. PN ending with B represents it with a UPC barcode.
Size: nominal diameter of pipe with which the fitting is to be used.
NOTE: Fittings may be same size (only one size designation) or reducing (multiple sizes designated).
Standard Pack (Std Pk) the quantity of parts packaged in an individual box or bag.
Master Carton (Mstr Ctn) the total quantity of parts contained in individual boxes or bags which are packaged together.

METHODS OF DESIGNATING INLETS OF FITTINGS

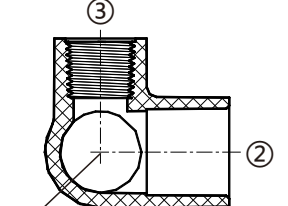
PVC UVR SCHEDULE 40 FITTINGS



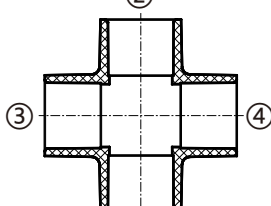
TEE



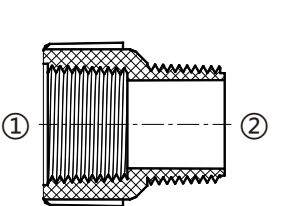
90° ELL



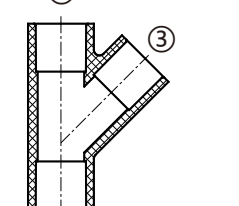
SIDE OUTLET ELL



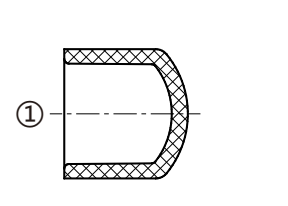
CROSS



RISER EXTENSION



WYE

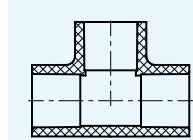


CAP

PVC UVR SCH40 FITTINGS

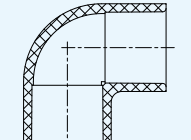


TEE (SOC×SOC×SOC)



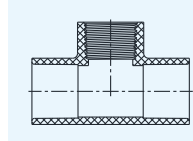
Part Number	Size (in)	Std PK	Mstr Ctn
UV401-005	1/2	50	300
UV401-007	3/4	50	300
UV401-010	1	50	200
UV401-012	1-1/4	25	100
UV401-015	1-1/2	25	100
UV401-020	2	25	0
UV401-025	2-1/2	10	0
UV401-030	3	10	0
UV401-040	4	6	0

90° ELL (SOC×SOC)



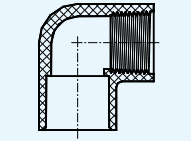
Part Number	Size (in)	Std PK	Mstr Ctn
UV406-005	1/2	50	400
UV406-007	3/4	50	200
UV406-010	1	50	300
UV406-012	1-1/4	25	150
UV406-015	1-1/2	25	100
UV406-020	2	20	80
UV406-025	2-1/2	10	40
UV406-030	3	10	0
UV406-040	4	8	0

TEE (SOC×SOC×FIPT)



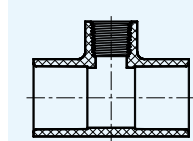
Part Number	Size (in)	Std PK	Mstr Ctn
UV402-005	1/2	50	300
UV402-007	3/4	50	300
UV402-010	1	50	200

90° ELL (SOC×FIPT)



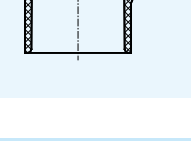
Part Number	Size (in)	Std PK	Mstr Ctn
UV407-005	1/2	50	400
UV407-007	3/4	50	200

REDUCING TEE (SOC×SOC× FIPT)



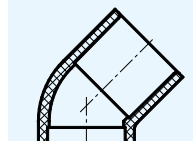
Part Number	Size (in)	Std PK	Mstr Ctn
UV402-101	3/4x3/4x1/2	50	200
UV402-130	1x1x1/2	50	200
UV402-131	1x1x3/4	50	200
UV402-166	1-1/4x1-1/4x1/2	25	150
UV402-167	1-1/4x1-1/4x3/4	25	150
UV402-209	1-1/2x1-1/2x1/2	25	150
UV402-210	1-1/2x1-1/2x3/4	25	100
UV402-247	2x2x1/2	10	40
UV402-248	2x2x3/4	10	60

90° REDUCING ELL (SOC×FIPT)



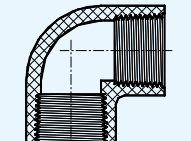
Part Number	Size (in)	Std PK	Mstr Ctn
UV407-101	3/4x1/2	50	300
UV407-130	1x1/2	50	200
UV407-131	1x3/4	50	300

45° ELL (SOC×SOC)



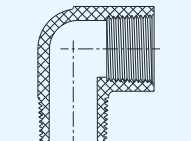
Part Number	Size (in)	Std PK	Mstr Ctn
UV417-005	1/2	50	400
UV417-007	3/4	50	200
UV417-010	1	50	300
UV417-012	1-1/4	25	150
UV417-015	1-1/2	25	100
UV417-020	2	25	100
UV417-025	2-1/2	10	40
UV417-030	3	15	0
UV417-040	4	4	16

90° ELL (FIPT×FIPT)



Part Number	Size (in)	Std PK	Mstr Ctn
UV408-005	1/2	50	400
UV408-007	3/4	50	300
UV408-010	1	50	300
UV408-012	1-1/4	25	150
UV408-015	1-1/2	35	140
UV408-020	2	10	60

90° STREET ELL (MIPT×FIPT)

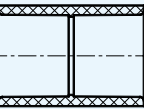


Part Number	Size (in)	Std PK	Mstr Ctn
UV412-005	1/2	50	400
UV412-007	3/4	50	300

PVC UVR SCH40 FITTINGS

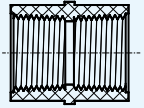


COUPLING (SOC×SOC)



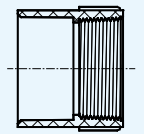
Part Number	Size (in)	Std PK	Mstr Ctn
UV429-005	1/2	50	600
UV429-007	3/4	50	400
UV429-010	1	50	200
UV429-012	1-1/4	25	150
UV429-015	1-1/2	25	100
UV429-020	2	25	100
UV429-025	2-1/2	12	72
UV429-030	3	10	40
UV429-040	4	6	24

COUPLING (FIPT×FIPT)



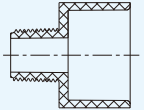
Part Number	Size (in)	Std PK	Mstr Ctn
UV430-005	1/2	50	600
UV430-007	3/4	50	400

FEMALE ADAPTER (SOC×FIPT)



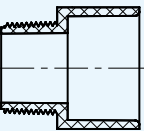
Part Number	Size (in)	Std PK	Mstr Ctn
UV435-005	1/2	50	600
UV435-007	3/4	50	400

REDUCING MALE ADAPTER (MIPT×SOC)



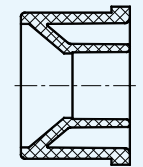
Part Number	Size (in)	Std PK	Mstr Ctn
UV436-074	1/2x3/4	50	400
UV436-131	1x3/4	50	400

MALE ADAPTER (MIPT×SOC)



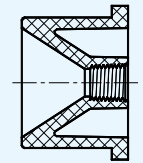
Part Number	Size (in)	Std PK	Mstr Ctn
UV436-005	1/2	50	600
UV436-007	3/4	50	400
UV436-010	1	50	200
UV436-012	1-1/4	25	150
UV436-015	1-1/2	25	100
UV436-020	2	25	100
UV436-025	2-1/2	10	40
UV436-030	3	10	60

REDUCING BUSHING FLUSH STYLE (SPIG×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
UV437-101	3/4x1/2	50	600
UV437-130	1x1/2	50	400
UV437-131	1x3/4	50	400
UV437-167	1-1/4x3/4	25	300
UV437-168	1-1/4x1	25	300
UV437-210	1-1/2x3/4	25	150
UV437-211	1-1/2x1	25	150
UV437-212	1-1/2x1-1/4	25	150
UV437-249	2x1	10	80
UV437-250	2x1-1/4	10	80
UV437-251	2x1-1/2	10	80
UV437-288	2-1/2x3/4	10	60
UV437-289	2-1/2x1	10	60
UV437-290	2-1/2x1-1/4	10	60
UV437-291	2-1/2x1-1/2	10	60
UV437-292	2-1/2x2	10	60
UV437-335	3x1	10	40
UV437-336	3x1-1/4	10	40
UV437-337	3x1-1/2	10	40
UV437-338	3x2	10	40
UV437-339	3x2-1/2	15	90
UV437-422	4x3	6	24

REDUCING BUSHING FLUSH STYLE (SPIG×FIPT)



Part Number	Size (in)	Std PK	Mstr Ctn
UV438-101	3/4x1/2	100	800
UV438-130	1x1/2	50	400
UV438-131	1x3/4	50	400
UV438-168	1-1/4x1	25	100
UV438-211	1-1/2x1	25	150
UV438-288	2-1/2x3/4	10	60

Fitting Terms and Abbreviations:
ELL : Elbow
SOC : Solvent Weld Socket
SPIG : Spigot End (pipe O.D. size)
MIPT : Male Iron Pipe Thread
FIPT : Female Iron Pipe Thread

Note: part of item aren't listed in upc certification

PVC Schedule 80 Fittings

QUALITY

LESSO America's plastic fittings line is renowned worldwide for its superior quality, which complies with cNSFus certifications, and the requirements of ASTM standards and CSA standards.

REFERENTIAL STANDARDS

- NSF/NASI 61 Drinking Water System Components-Health Effects
- NSF/NASI 14 Plastics Piping System Components and Related Materials
- ASTM D 1784 Standard Specification for Rigid Poly (Viny Chloride) (PVC) Compounds and Chlorinated Poly (Viny Chloride) (CPVC) Compounds
- ASTM D 2467 Standard Specification for Rigid Poly (Viny Chloride) (PVC) Plastic Pipe Fittings, Schedule 80
- ASTM F 1970 Standard Specification for Special Engineered Fittings, Appurtenances or Valves for use in Poly (Viny Chloride) (PVC) or Chlorinated Poly (Viny Chloride) (CPVC) Systems
- CSA B137.3 Rigid Polyvinylchloride (PVC) Pipe and Fittings for Pressure Applications.



COLUMN HEADER INFORMATION

Each product column header label identifies the following product particulars:

Part Number: the number used to order the part. PN ending with B represents it with a UPC barcode.

Size: nominal diameter of pipe with which the fitting is to be used.

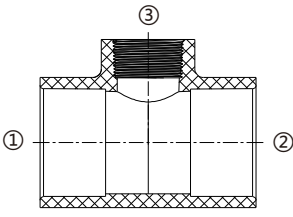
NOTE: Fittings may be same size (only one size designation) or reducing (multiple sizes designated).

Standard Pack (Std Pk) the quantity of parts packaged in an individual box or bag.

Master Carton (Mstr Ctn) the total quantity of parts contained in individual boxes or bags which are packaged together.

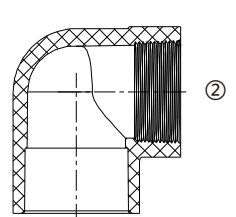
METHODS OF DESIGNATING INLETS OF FITTINGS

PVC SCHEDULE 80 FITTINGS



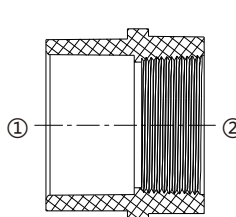
① ② ③

TEE



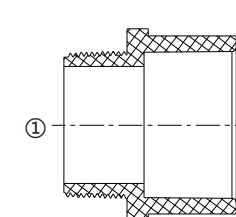
① ②

90° Ell



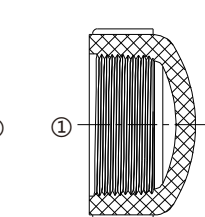
① ②

Female Adapter



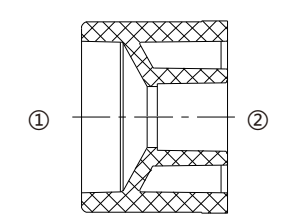
① ②

Male Adapter



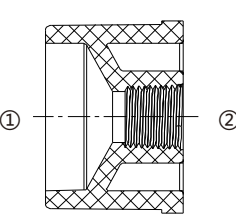
①

Cap



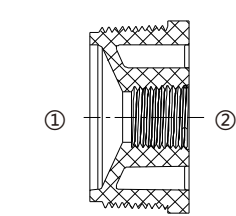
① ②

Reducing Bushing
Flush Style



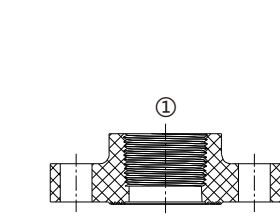
① ②

Reducing Bushing
Flush Style



① ②

Reducing T.T. Bushing
Flush Style



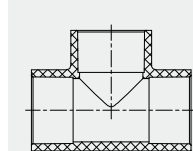
①

Floor Flange

PVC SCHEDULE 80 FITTINGS

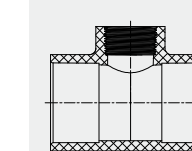


TEE (SOC×SOC×SOC)



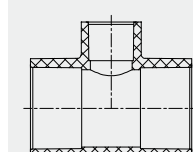
Part Number	Size (in)	Std PK	Mstr Ctn
801-002	1/4	50	600
801-005	1/2	25	200
801-007	3/4	15	120
801-010	1	20	80
801-012	1-1/4	10	40
801-015	1-1/2	5	30
801-020	2	5	20
801-025	2-1/2	10	0
801-030	3	5	0
801-040	4	5	0
801-060	6	2	0
801-080	8	5	0

REDUCING TEE (SOC×SOC×FIPT)



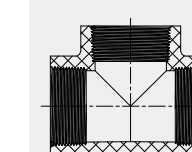
Part Number	Size (in)	Std PK	Mstr Ctn
802-251	2x2x1-1/2	10	40
802-291	2-1/2x2-1/2x1-1/2	10	40

REDUCING TEE (SOC×SOC×SOC)



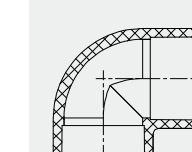
Part Number	Size (in)	Std PK	Mstr Ctn
801-101	3/4x3/4x1/2	15	120
801-130	1x1x1/2	15	90
801-131	1x1x3/4	15	90
801-168	1-1/4x1-1/4x1	15	60
801-210	1-1/2x1-1/2x3/4		
801-211	1-1/2x1-1/2x1		
801-247	2x2x1/2	10	60
801-248	2x2x3/4	10	60
801-249	2x2x1	10	60
801-250	2x2x1-1/4	10	40
801-251	2x2x1-1/2	10	40
801-290	2-1/2x2-1/2x1-1/4	10	40
801-291	2-1/2x2-1/2x1-1/2	9	36
801-292	2-1/2x2-1/2x2	36	0
801-337	3x3x1-1/2	10	0
801-338	3x3x2	10	0
801-420	4x4x2	5	0
801-422	4x4x3	5	0
801-530	6x6x3	3	0
801-532	6x6x4	4	0
801-585	8x8x6	5	0

TEE (FIPT×FIPT×FIPT)



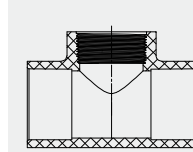
Part Number	Size (in)	Std PK	Mstr Ctn
805-002	1/4	50	600
805-003	3/8	50	400
805-005	1/2	20	240
805-007	3/4	20	160
805-010	1	15	90
805-012	1-1/4	10	40
805-015	1-1/2	10	40
805-020	2	10	40
805-025	2-1/2	5	20
805-030	3	6	0
805-040	4	5	0

90° Ell (SOC×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
806-002	1/4	50	600
806-003	3/8	20	240
806-005	1/2	25	300
806-007	3/4	20	160
806-010	1	25	100
806-012	1-1/4	10	60
806-015	1-1/2	15	60
806-020	2	8	32
806-025	2-1/2	5	30
806-030	3	5	20
806-040	4	5	0
806-060	6	4	0
806-080	8	4	0

TEE (SOC×SOC×FIPT)

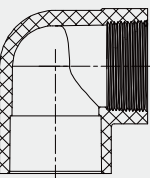


Part Number	Size (in)	Std PK	Mstr Ctn
802-005	1/2	20	120
802-007	3/4	20	120
802-010	1	15	60
802-015	1-1/2	10	40
802-020	2	5	20

PVC SCHEDULE 80 FITTINGS

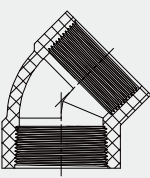


90° EII (SOC×FIPT)



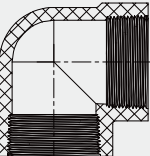
Part Number	Size (in)	Std PK	Mstr Ctn
807-005	1/2	20	240
807-007	3/4	25	200
807-010	1	25	100
807-012	1-1/4	10	60
807-015	1-1/2	10	40
807-020	2	15	60

45° EII (FIPT×FIPT)



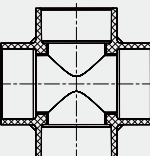
Part Number	Size (in)	Std PK	Mstr Ctn
819-005	1/2	30	360
819-007	3/4	20	240
819-010	1	10	120
819-012	1-1/4	10	80
819-015	1-1/2	10	60
819-020	2	10	40
819-025	2-1/2	8	48
819-030	3	6	24
819-040	4	8	0

90° EII (FIPT×FIPT)



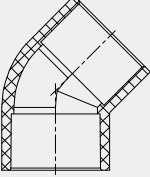
Part Number	Size (in)	Std PK	Mstr Ctn
808-002	1/4	50	600
808-003	3/8	50	600
808-005	1/2	20	240
808-007	3/4	25	200
808-010	1	15	90
808-012	1-1/4	10	60
808-015	1-1/2	10	40
808-020	2	10	60
808-025	2-1/2	6	36
808-030	3	5	20
808-040	4	20	0

Cross (SOC×SOC×SOC×SOC)



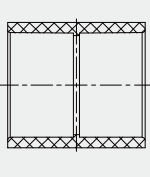
Part Number	Size (in)	Std PK	Mstr Ctn
820-030	3	15	0
820-040	4	3	0

45° EII (SOC×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
817-002	1/4	50	600
817-003	3/8	25	300
817-005	1/2	30	360
817-007	3/4	20	240
817-010	1	20	120
817-012	1-1/4	15	90
817-015	1-1/2	10	60
817-020	2	10	40
817-025	2-1/2	60	0
817-030	3	16	0
817-040	4	9	0
817-060	6	2	0

COUPLING (SOC×SOC)

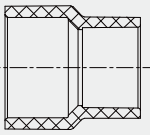


Part Number	Size (in)	Std PK	Mstr Ctn
829-002	1/4	50	600
829-005	1/2	35	420
829-007	3/4	25	300
829-010	1	25	150
829-012	1-1/4	10	80
829-015	1-1/2	10	80
829-020	2	10	60
829-025	2-1/2	10	60
829-030	3	25	0
829-040	4	12	0
829-060	6	4	0
829-080	8	6	0
829-100	10	8	0
829-120	12	1	0

PVC SCHEDULE 80 FITTINGS



REDUCING COUPLING (SOC×SOC)



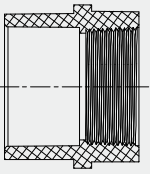
Part Number	Size (in)	Std PK	Mstr Ctn
829-101	3/4x1/2	50	300
829-130	1x1/2	25	150
829-131	1x3/4	25	150
829-166	1-1/4x1/2	25	150
829-167	1-1/4x3/4	25	150
829-168	1-1/4x1	35	140
829-210	1-1/2x3/4	25	100
829-211	1-1/2x1	20	80
829-212	1-1/2x1-1/4	20	80
829-251	2x1-1/2	20	120
829-338	3x2	5	20
829-422	4x3	10	40
829-532	6x4	4	0
829-585	8x6	4	0

COUPLING (FIPT×FIPT)



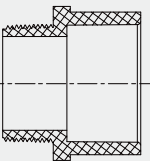
Part Number	Size (in)	Std PK	Mstr Ctn
830-002	1/4	50	600
830-005	1/2	25	300
830-007	3/4	25	300
830-010	1	15	180
830-012	1-1/4	10	120
830-015	1-1/2	10	80
830-020	2	10	60
830-025	2-1/2	5	20
830-030	3	5	20
830-040	4	8	32

FEMALE ADAPTER (SOC×FIPT)



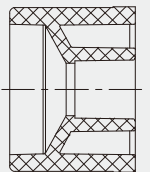
Part Number	Size (in)	Std PK	Mstr Ctn
835-002	1/4	50	600
835-005	1/2	30	360
835-007	3/4	30	240
835-010	1	25	150
835-012	1-1/4	10	120
835-015	1-1/2	10	80
835-020	2	15	60
835-025	2-1/2	5	30
835-030	3	7	42
835-040	4	5	20

MALE ADAPTER (MIPT×SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
836-005	1/2	25	300
836-007	3/4	25	300
836-010	1	20	160
836-012	1-1/4	10	120
836-015	1-1/2	10	60
836-020	2	10	60
836-025	2-1/2	6	36
836-030	3	8	48
836-040	4	4	16

REDUCING BUSHING FLUSH STYLE (SPIG×SOC)

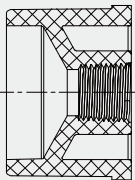


Part Number	Size (in)	Std PK	Mstr Ctn
837-052	3/8x1/4	100	1200
837-072	1/2x1/4	100	1200
837-073	1/2x3/8	50	600
837-101	3/4x1/2	50	600
837-130	1x1/2	50	400
837-131	1x3/4	50	400
837-166	1-1/4x1/2	50	300
837-167	1-1/4x3/4	50	300
837-168	1-1/4x1	25	200
837-209	1-1/2x1/2	30	180
837-210	1-1/2x3/4	30	180
837-211	1-1/2x1	25	150
837-212	1-1/2x1-1/4	25	150
837-247	2x1/2	25	150
837-248	2x3/4	10	120
837-249	2x1	10	120
837-250	2x1-1/4	10	120
837-251	2x1-1/2	10	120
837-289	2-1/2x1	10	60
837-290	2-1/2x1-1/4	10	60
837-291	2-1/2x1-1/2	10	60
837-292	2-1/2x2	10	60
837-335	3x1	10	40
837-337	3x1-1/2	10	40
837-338	3x2	10	40
837-339	3x2-1/2	10	40
837-420	4x2	6	24
837-421	4x2-1/2	6	24
837-422	4x3"	6	24
837-528	6x2	9	0
837-530	6x3	6	0
837-532	6x4	9	0
837-585	8x6	16	0
837-626	10x6	16	0
837-628	10x8	16	0

PVC SCHEDULE 80 FITTINGS

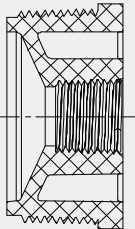


REDUCING BUSHING FLUSH STYLE (SPIG×FIPT)



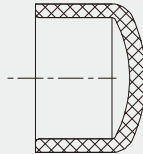
Part Number	Size (in)	Std PK	Mstr Ctn
838-052	3/8x1/4	100	1200
838-072	1/2x1/4	100	1200
838-101	3/4x1/2	50	600
838-130	1x1/2	50	400
838-131	1x3/4	50	400
838-166	1-1/4x1/2	25	300
838-167	1-1/4x3/4	20	240
838-168	1-1/4x1	25	200
838-209	1-1/2x1/2	30	180
838-210	1-1/2x3/4	25	150
838-211	1-1/2x1	25	150
838-212	1-1/2x1-1/4	25	150
838-247	2x1/2	10	120
838-248	2x3/4	10	120
838-249	2x1	10	120
838-250	2x1-1/4	10	120
838-251	2x1-1/2	10	120
838-292	2-1/2x2	10	60
838-338	3x2	10	40
838-339	3x2-1/2	10	40
838-420	4x2	6	24
838-422	4x3	6	24
838-532	6x4	6	0

REDUCING T.T. BUSHING FLUSH STYLE (MIPT×FIPT)



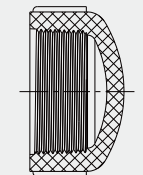
Part Number	Size (in)	Std PK	Mstr Ctn
839-072	1/2x1/4	100	1200
839-073	1/2x3/8	100	1200
839-098	3/4x1/4	100	1200
839-099	3/4x3/8	100	1200
839-101	3/4x1/2	50	600
839-129	1x3/8	50	600
839-130	1x1/2	50	600
839-131	1x3/4	50	600
839-166	1-1/4x1/2	35	420
839-167	1-1/4x3/4	25	300
839-168	1-1/4x1	25	300
839-210	1-1/2x3/4	25	200
839-211	1-1/2x1	25	200
839-212	1-1/2x1-1/4	25	150
839-247	2x1/2	10	120
839-292	2-1/2x2	10	60

CAP (SOC)



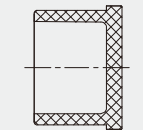
Part Number	Size (in)	Std PK	Mstr Ctn
847-002	1/4	100	1200
847-003	3/8	50	600
847-005	1/2	65	780
847-007	3/4	40	480
847-010	1	20	240
847-012	1-1/4	10	120
847-015	1-1/2	10	120
847-020	2	10	80
847-025	2-1/2	15	60
847-030	3	5	20
847-040	4	5	20
847-060	6	4	0
847-080	8	12	0

CAP (FIPT)



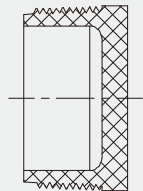
Part Number	Size (in)	Std PK	Mstr Ctn
848-002	1/4	100	1200
848-003	3/8	50	600
848-005	1/2	50	600
848-007	3/4	40	480
848-010	1	20	240
848-012	1-1/4	10	120
848-015	1-1/2	10	60
848-020	2	10	60
848-025	2-1/2	10	60
848-030	3	8	32
848-040	4	5	20

PLUG (SPIG)



Part Number	Size (in)	Std PK	Mstr Ctn
849-010	1	50	300
849-020	2	10	120

PLUG (MIPT)



Part Number	Size (in)	Std PK	Mstr Ctn
850-002	1/4	100	1200
850-003	3/8	100	1200
850-005	1/2	150	1800
850-007	3/4	100	1200
850-010	1	50	600
850-012	1-1/4	30	360
850-015	1-1/2	10	120
850-020	2	10	120
850-025	2-1/2	10	60
850-030	3	10	60
850-040	4	8	32

PVC SCHEDULE 80 FITTINGS



FLANGE ONE PIECE (SOC)



Part Number	Size (in)	Std PK	Mstr Ctn
851-025	2-1/2	15	0
851-030	3	12	0
Pressure Rating 150psi @73°F(23°C)			

FLOOR FLANGE (FIPT)



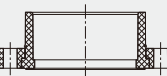
Part Number	Size (in)	Std PK	Mstr Ctn
852-005	1/2	20	120
852-007	3/4	25	150
852-010	1	15	60
852-012	1-1/4	15	60
Pressure Rating 150psi @73°F(23°C)			

BLIND FLANGE



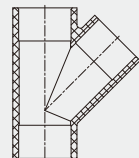
Part Number	Size (in)	Std PK	Mstr Ctn
853-025	2-1/2	25	0
853-030	3	20	0
Pressure Rating 150psi @73°F(23°C)			

VANSTONE FLANGE



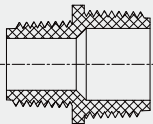
Part Number	Size (in)	Std PK	Mstr Ctn
854-005	1/2	35	140
854-007	3/4	25	100
854-010	1	20	80
854-012	1-1/4	15	60
854-030	3	13	0
854-040	4	6	0
854-060	6	6	0
854-080	8	6	0

WYE (SOC X SOC X SOC)



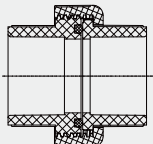
Part Number	Size (in)	Std PK	Mstr Ctn
875-020	2	18	0
875-040	4	3	0
875-060	6	2	0
Pressure Rating: 2" 235psi @73°F(23°C) 4", 6"150psi @73°F(23°C)			

REDUCING NIPPLE (MIPT×MIPT)



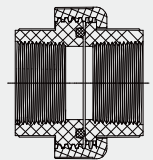
Part Number	Size (in)	Std PK	Mstr Ctn
882-101	3/4x1/2	50	600

UNION W/O-RING SEAL (SOCxSOC)



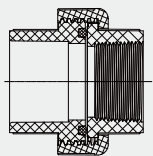
Part Number	Size (in)	Std PK	Mstr Ctn
897-002	1/4	25	300
897-005	1/2	10	120
897-007	3/4	20	120
897-010	1	10	80
897-012	1-1/4	10	40
897-015	1-1/2	5	30
897-020	2	10	40
897-030	3	5	20
PVC Fittings rated as 235psi at 23°C			

UNION W/O-RING SEAL (FIPTxFIPT)



Part Number	Size (in)	Std PK	Mstr Ctn
898-005	1/2	20	160
898-007	3/4	20	120
898-010	1	10	80
898-012	1-1/4	10	60
898-015	1-1/2	10	40
PVC Fittings rated as 235psi at 23°C			

UNION W/O-RING SEAL (SOCxFIPT)



Part Number	Size (in)	Std PK	Mstr Ctn
899-005	1/2	20	160
899-007	3/4	20	120
899-010	1	10	80
899-012	1-1/4	15	60
899-015	1-1/2	10	40
899-020	2	5	30
Pressure Rating 235psi @73°F(23°C)			

PVC DWV Fittings

QUALITY

LESSO America's plastic fittings line is renowned worldwide for its superior quality, which complies with cNSFus and cUPC certifications, and exceeds the requirements of ASTM standards and CSA standards.

REFERENTIAL STANDARDS

NSF/ANSI 14 Plastics Piping System Components and Related Materials

NSF SE 7992 ABS and PVC DWV Fitting with Alternate Fitting Patterns

ASTM D 1784 Standard Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds

ASTM D 2665 Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings

CSA B 181.2 Polyvinylchloride (PVC) and Chlorinated Polyvinylchloride (CPVC) Drain, Waste, and Vent Pipe and Pipe Fittings



COLUMN HEADER INFORMATION

Each product column header label identifies the following product particulars:

Part Number: the number used to order the part. PN ending with B represents it with a UPC barcode.

Size: nominal diameter of pipe with which the fitting is to be used.

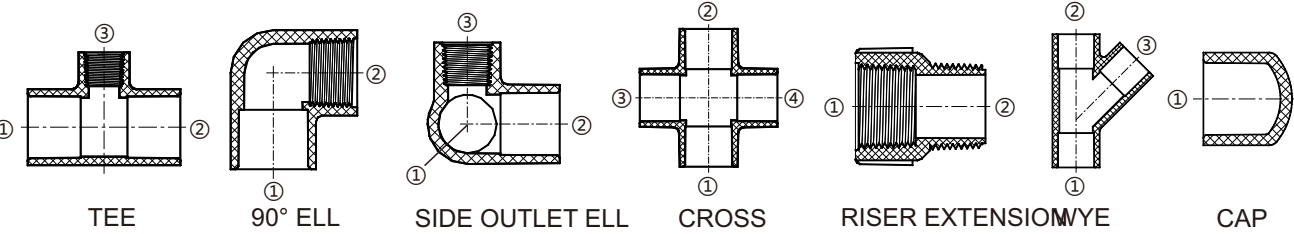
NOTE: Fittings may be same size (only one size designation) or reducing (multiple sizes designated).

Standard Pack (Std Pk) the quantity of parts packaged in an individual box or bag.

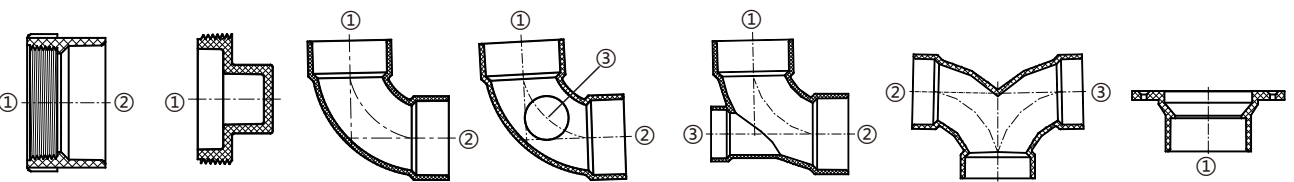
Master Carton (Mstr Ctn) the total quantity of parts contained in individual boxes or bags which are packaged together.

METHODS OF DESIGNATING INLETS OF FITTINGS

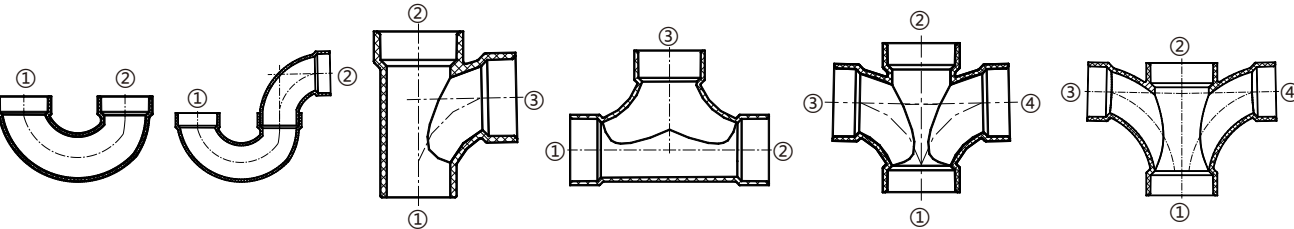
PVC SCHEDULE 40 FITTINGS



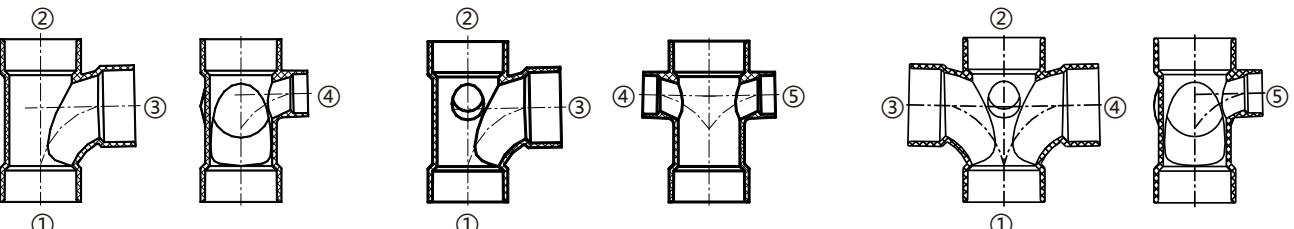
PVC DWV FITTINGS



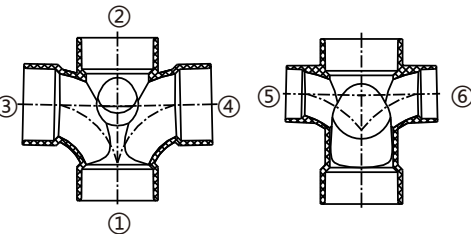
FEMALE ADAPTER CLEANOUT PLUG 1/4 BEND 1/4 BEND WITH SIDE INLET 1/4 BEND W/ LOW HEEL INLET DOUBLE 1/4 BEND CLOSET FLANGE



RETURN BEND P-TRAP SANITARY TEE, STREET ELBOW DOUBLE SANITARY TEE DOUBLE FIXTURE FITTING



SANITARY TEE W/ LEFT SIDE INLET SANITARY TEE W/ R & L SIDE INLETS DOUBLE SANITARY TEE, W/SIDE INLET



DOUBLE SANITARY TEE W/ R&L SIDE INLETS

PVC DWV FITTINGS

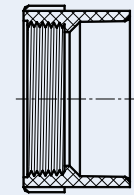


COUPLING (H×H)



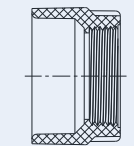
Part Number	Size (in)	Std PK	Mstr Ctn
LP100-012	1-1/4	100	400
LP100-015	1-1/2	100	400
LP100-020	2	100	0
LP100-030	3	60	0
LP100-040	4	25	0
LP100-060	6	5	0
LP100-080	8	8	0
LP100-100	10	8	0
LP100-120	12	2	0

FEMALE ADAPTER (FPT×H)



Part Number	Size (in)	Std PK	Mstr Ctn
LP101-012	1-1/4	100	400
LP101-015	1-1/2	100	400
LP101-020	2	50	200
LP101-030	3	35	0
LP101-040	4	10	40
LP101-060	6	10	0
LP101-080	8	9	0

REDUCING FEMALE ADAPTER (H×FPT)



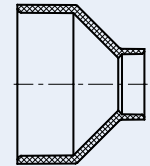
Part Number	Size (in)	Std PK	Mstr Ctn
LP101-212	1-1/2x1-1/4	100	400

TRAP ADAPTER-MALE (S×SLIP)



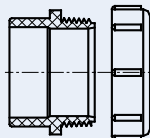
Part Number	Size (in)	Std PK	Mstr Ctn
LP103-012	1-1/4	60	240
LP103-015	1-1/2	50	200
LP103-020	2	25	150
LP103-212	1-1/2x1-1/4	50	200

PIPE INCREASER-REDUCER (H×H)



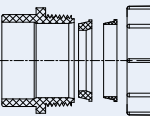
Part Number	Size (in)	Std PK	Mstr Ctn
LP102-212	1-1/2x1-1/4	25	150
LP102-251	2x1-1/2	25	100
LP102-337	3x1-1/2	25	0
LP102-338	3x2	20	80
LP102-419	4x1-1/2	25	0
LP102-420	4x2	10	40
LP102-422	4x3	20	0
LP102-532	6x4	6	0
LP102-582	8x4	12	0
LP102-585	8x6	12	0
LP102-624	10x4	12	0
LP102-626	10x6	12	0
LP102-628	10x8	10	0
LP102-668	12x8	2	0
LP102-670	12x10	2	0

TRAP ADAPTER-MALE W/PLASTIC NUT (S×SLIP)



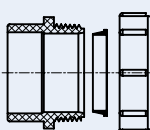
Part Number	Size (in)	Std PK	Mstr Ctn
LP103P-012	1-1/4	30	180
LP103P-015	1-1/2	50	300
LP103P-020	2	25	100
LP103P-212	1-1/2x1-1/4	75	300

TRAP ADAPTER-MALE W/1-1/2 PLASTIC NUT & WASHER AND 1-1/2 x 1-1/4 WASHER (S×SLIP)



Part Number	Size (in)	Std PK	Mstr Ctn
LP103R-015	1-1/2	10	80

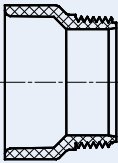
TRAP ADAPTER-MALE W/PLASTIC NUT & WASHER (S×SLIP)



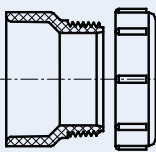
Part Number	Size (in)	Std PK	Mstr Ctn
LP103X-012	1-1/4	30	180
LP103X-015	1-1/2	50	300
LP103X-020	2	40	240
LP103X-212	1-1/2x1-1/4	50	300

PVC DWV FITTINGS

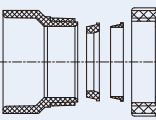
TRAP ADAPTER - FEMALE (H×SLIP)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP104-012	1-1/4	50	300
	LP104-015	1-1/2	50	200
	LP104-212	1-1/2x1-1/4	50	200
	LP104-020	2	50	200

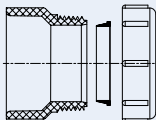
TRAP ADAPTER - FEMALE W/PLASTIC NUT (H×SLIP)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP104P-012	1-1/4	50	300
	LP104P-015	1-1/2	50	300
	LP104P-212	1-1/2x1-1/4	50	300
	LP104P-020	2	50	200

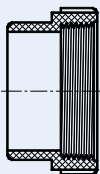
TRAP ADAPTER-FEMALE W/1-1/2 PLASTIC NUT & WASHER AND 1-1/2x1-1/4 WASHER (H×SLIP)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP104R-015	1-1/2	50	200

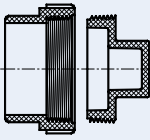
TRAP ADAPTER-FEMALE W/PLASTIC NUT & WASHER (H×SLIP)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP104X-012	1-1/4	50	300
	LP104X-015	1-1/2	50	200
	LP104X-212	1-1/2x1-1/4	50	300
	LP104X-020	2	50	200

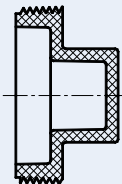
FITTING CLEANOUT ADAPTER (S×FPT)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP105-012	1-1/4	35	210
	LP105-015	1-1/2	50	200
	LP105-020	2	50	200
	LP105-030	3	20	80
	LP105-040	4	10	40
	LP105-060	6	10	0

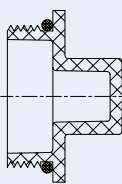
FITTING CLEANOUT ADAPTER W/ C.O. PLUG (S×FPT)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP105X-012	1-1/4	50	200
	LP105X-015	1-1/2	50	200
	LP105X-020	2	50	200
	LP105X-030	3	20	80
	LP105X-040	4	10	40
	LP105X-060	6	6	0

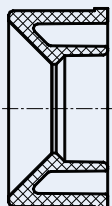
CLEANOUT PLUG (MPT)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP106-012	1-1/4	50	600
	LP106-015	1-1/2	50	300
	LP106-020	2	50	200
	LP106-030	3	25	150
	LP106-040	4	30	120
	LP106-060	6	10	40
	LP106-080	8	5	20

CLEANOUT PLUG W/GASKET (MPT)

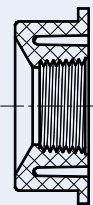
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP106R-015	1-1/2	100	600
	LP106R-020	2	50	200
	LP106R-030	3	25	150
	LP106R-040	4	25	100
	LP106R-060	6	10	40

FLUSH BUSHING (S×H)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP107-212	1-1/2x1-1/4	100	400
	LP107-250	2x1-1/4	50	200
	LP107-251	2x1-1/2	50	200
	LP107-337	3x1-1/2	30	120
	LP107-338	3x2	30	120
	LP107-420	4x2	30	0
	LP107-422	4x3	30	0
	LP107-530	6x3	10	0
	LP107-532	6x4	10	0
	LP107-582	8x4	3	0
	LP107-585	8x6	3	0
	LP107-626	10x6	12	0
	LP107-628	10x8	9	0
	LP107-666	12x6	4	0
	LP107-668	12x8	4	0
	LP107-670	12x10	4	0

PVC DWV FITTINGS

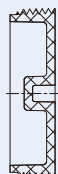
REDUCER BUSHING
(DISHWASHER BUSHING) (S×FPT)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP108-209	1-1/2x1/2	50	300
	LP108-210	1-1/2x3/4	50	300
	LP108-212	1-1/2x1-1/4	50	400
	LP108-251	2x1-1/2	50	200
	LP108-337	3x1-1/2	10	60
	LP108-338	3x2	10	60
	LP108-628	10x8	12	0
	LP108-668	12x8	4	0

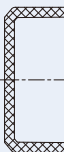
MALE ADAPTER (MPT×H)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP109-012	1-1/4	50	200
	LP109-015	1-1/2	50	300
	LP109-020	2	50	200
	LP109-030	3	25	0
	LP109-040	4	25	0
	LP109-060	6	7	0
	LP109-169	1-1/4x1-1/2	25	150

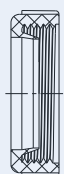
FLUSH C. O. PLUG (MPT)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP110-020	2	50	400
	LP110-030	3	25	150
	LP110-040	4	25	150

PLUG SLIP (S)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP110S-015	1-1/2	25	300
	LP110S-020	2	50	200

TRAP ADAPTER CAP (FPT)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP112-012	1-1/4	60	360
	LP112-015	1-1/2	80	480
	LP112-020	2	50	300

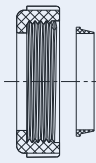
TRAP ADAPTER CAP B (FPT)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP113-012	1-1/4	60	360
	LP113-015	1-1/2	100	600

TRAP ADAPTER Gasket

	Part Number	Size (in)	Std PK	Mstr Ctn
	LP113R-012	1-1/4	60	360
	LP113R-015	1-1/2	100	600

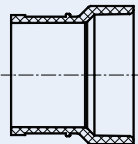
TRAP ADAPTER CAP W/GASKET

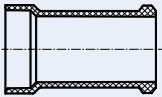
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP114-012	1-1/4	50	200
	LP114-015	1-1/2	50	200

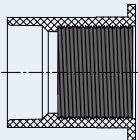
CAP (SOC)

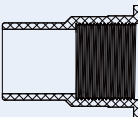
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP116-015	1-1/2	20	240
	LP116-020	2	15	180
	LP116-030	3	10	60
	LP116-040	4	5	20
	LP116-060	6	8	0
	LP116-080	8	16	0
	LP116-100	10	14	0
	LP116-120	12	4	0

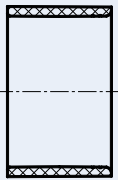
PVC DWV FITTINGS

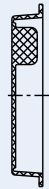
NO-HUB ADAPTER (S×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP119-015	1-1/2	25	100
	LP119-020	2	25	100
	LP119-030	3	20	80
	LP119-040	4	14	56
	LP119-251	2x1-1/2	25	100
	LP119-422	4x3	8	48

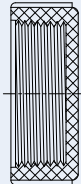
HUB ADAPTER (H×S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP123-020	2	20	80
	LP123-030	3	20	0
	LP123-040	4	12	0

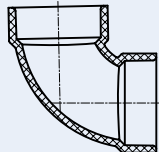
TRAP ADAPTER PLUG (H×NPSM THREAD)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP128-015	1-1/2	20	80

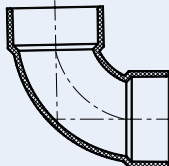
TRAP ADAPTER PLUG (S×NPSM THREAD)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP129-015	1-1/2	12	72

REPAIR COUPLING (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP130-015	1-1/2	100	400
	LP130-020	2	30	120
	LP130-030	3	10	60
	LP130-040	4	5	30
	LP130-060	6	12	0

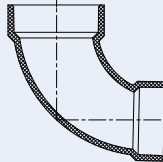
TEST CAP (S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP131-015	1-1/2	100	600
	LP131-020	2	100	600
	LP131-030	3	50	200
	LP131-040	4	100	400

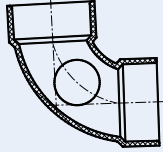
THREADED CAP (FPT)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP135-015	1-1/2	50	400
	LP135-020	2	35	210
	LP135-030	3	30	120

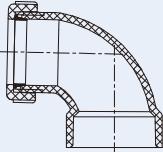
90° ELBOW-SHORT TURN (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP300-015S	1-1/2	100	0
	LP300-020S	2	25	100
	LP300-030S	3	25	0

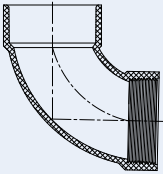
1/4 BEND (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP300-012	1-1/4	50	200
	LP300-015	1-1/2	100	0
	LP300-020	2	50	0
	LP300-030	3	25	0
	LP300-040	4	10	0
	LP300-060	6	4	0
	LP300-080	8	4	0

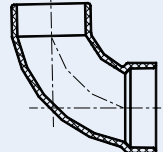
PVC DWV FITTINGS

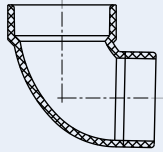
1/4 BEND, REDUCING (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP300R-251	2x1-1/2	50	0

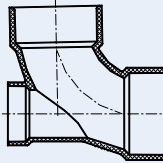
1/4 BEND WITH SIDE INLET (ALL HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP300S-337	3x3x1-1/2	8	0
	LP300S-338	3x3x2	10	0

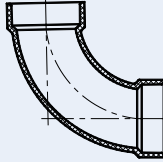
90° TRAP ADAPTER (H×SLIP)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP300X-015	1-1/2		

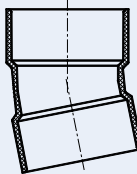
1/4 BEND (H X FPT)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP301-030	3	15	0

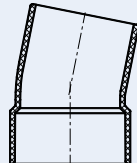
1/4 BEND, STREET (S×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP302-012	1-1/4	50	200
	LP302-015	1-1/2	30	180
	LP302-020	2	50	0
	LP302-030	3	20	0
	LP302-040	4	10	0
	LP302-060	6	4	0
	LP302-080	8	4	0

90°ELBOW-SHORT TURN (H×S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP302-020S	2	70	0

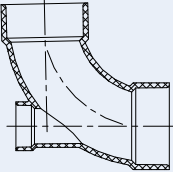
1/4 BEND W/ LOW HEEL INLET (H×H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP303-337	3x3x1-1/2	25	0
	LP303-338	3x3x2	25	0
	LP303-420	4x4x2	6	0

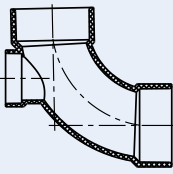
LONG SWEEP 1/4 BEND (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP304-015	1-1/2	30	120
	LP304-020	2	15	60
	LP304-030	3	10	0
	LP304-040	4	5	0
	LP304-060	6	4	0

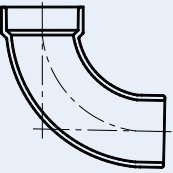
11-1/4° ELBOW (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP305-060	6	6	0

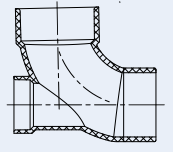
11-1/4° ELBOW (S×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP306-060	6	5	0

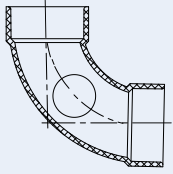
PVC DWV FITTINGS

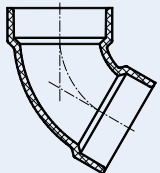
LONG SWEEP 1/4 BEND W/LOW HEEL INLET (ALL HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP307-337	3x3x1-1/2	10	0
	LP307-338	3x3x2	20	0

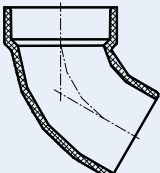
LONG SWEEP 1/4 BEND W/HIGH HEEL INLET (ALL HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP308-338	3x3x2	20	0

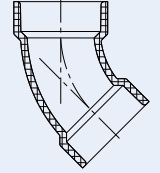
LONG SWEEP 1/4 BEND, STREET (H×S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP309-015	1-1/2	30	120
	LP309-020	2	15	60
	LP309-030	3	10	0
	LP309-040	4	5	0

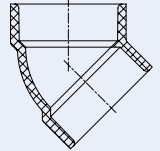
1/4 BEND, STREET W/ LOW HEEL INLET (H×S×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP310-338	3x3x2	15	0

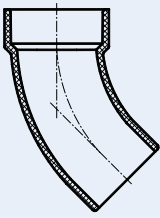
LONG SWEEP 1/4 BEND W/SIDE INLET (ALL HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP311-338	3x3x2	10	0

1/6 BEND (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP319-015	1-1/2	40	160
	LP319-020	2	25	100
	LP319-030	3	20	0
	LP319-040	4	8	0
	LP319-060	6	2	0

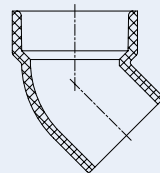
1/6 BEND, STREET (H×S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP320-015	1-1/2	40	160
	LP320-020	2	25	100
	LP320-030	3	20	0
	LP320-040	4	10	0

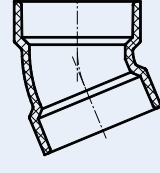
1/8 BEND (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP321-012	1-1/4	50	200
	LP321-015	1-1/2	100	0
	LP321-020	2	50	0
	LP321-030	3	25	0
	LP321-040	4	15	0
	LP321-060	6	5	0
	LP321-080	8	4	0

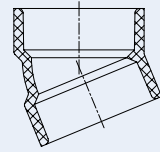
45° ELBOW-SHORT TURN (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP321-015S	1-1/2	60	240

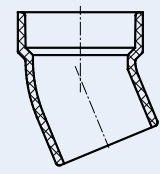
1/8 BEND, STREET (H×S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP323-012	1-1/4	40	240
	LP323-015	1-1/2	100	0
	LP323-020	2	50	0
	LP323-030	3	25	0
	LP323-040	4	9	0
	LP323-060	6	5	0
	LP323-080	8	4	0
	LP323-100	10	4	0

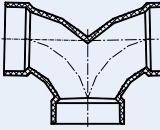
PVC DWV FITTINGS

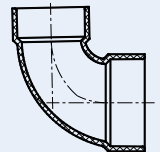
45° ELBOW-SHORT TURN (H×S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP323-015S	1-1/2	80	320

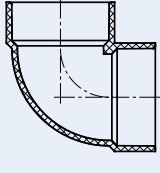
1/16 BEND (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP324-015	1-1/2	50	200
	LP324-020	2	25	100
	LP324-030	3	25	0
	LP324-040	4	15	0
	LP324-060	6	3	0
	LP324-080	8	6	0
	LP324-100	10	4	0
	LP324-120	12	2	0

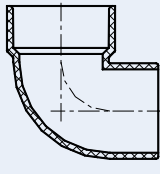
22-1/2° ELBOW-SHORT TURN (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP324-015S	1-1/2	50	200

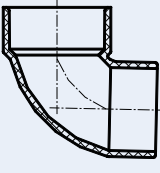
1/16 BEND, STREET (H×S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP326-015	1-1/2	50	200
	LP326-020	2	25	100
	LP326-030	3	25	0
	LP326-040	4	10	0
	LP326-060	6	5	0

DOUBLE 1/4 BEND (H×H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP327-015	1-1/2	20	80
	LP327-020	2	25	0
	LP327-030	3	15	0
	LP327-040	4	6	0
	LP327-241	2x1-1/2x1-1/2	15	60

CLOSET BEND, REDUCING (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP329-342	3x4	10	0

VENT ELL (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP331-012	1-1/4	30	120
	LP331-015	1-1/2	25	150
	LP331-020	2	30	120
	LP331-030	3	25	0
	LP331-040	4	10	0
	LP331-060	6	4	0

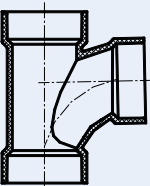
VENT ELL, STREET (H×S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP333-012	1-1/4	30	120
	LP333-015	1-1/2	25	150
	LP333-020	2	20	80
	LP333-030	3	25	0
	LP333-040	4	10	0
	LP333-060	6	4	0
	LP333-080	8	4	0
	LP333-100	10	2	0

TRAP ELBOW (FOR USE WITH TRAPS ONLY) (H×S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP335-030	3	30	0
	LP335-040	4	20	0

PVC DWV FITTINGS

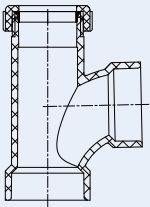


SANITARY TEE (ALL HUB)



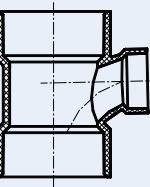
Part Number	Size (in)	Std PK	Mstr Ctn
LP400-012	1-1/4	50	0
LP400-015	1-1/2	60	0
LP400-020	2	35	0
LP400-030	3	15	0
LP400-040	4	5	0
LP400-060	6	3	0
LP400-080	8	2	0

SANITARY TEE TRAP ADAPTER (H×SLIP×H)



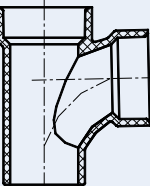
Part Number	Size (in)	Std PK	Mstr Ctn
LP400X-015	1-1/2"		

REDUCING SANITARY TEE (ALL HUB)



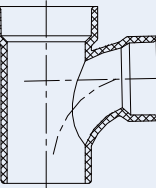
Part Number	Size (in)	Std PK	Mstr Ctn
LP401-212	1-1/2x1-1/2x1-1/4	10	40
LP401-241	2x1-1/2x1-1/2	15	60
LP401-251	2x2x1-1/2	50	0
LP401-257	2x1-1/2x2	15	60
LP401-337	3x3x1-1/2	8	32
LP401-338	3x3x2	15	0
LP401-419	4x4x1-1/2	10	0
LP401-420	4x4x2	10	0
LP401-422	4x4x3	10	0
LP401-528	6x6x2	5	0
LP401-530	6x6x3	4	0
LP401-532	6x6x4	4	0

SANITARY TEE, STREET (S×H×H)



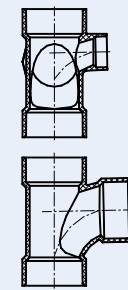
Part Number	Size (in)	Std PK	Mstr Ctn
LP403-015	1-1/2	25	100
LP403-020	2	30	0
LP403-030	3	10	0
LP403-040	4	10	0

SANITARY TEE, STREET REDUCING (S×H×H)



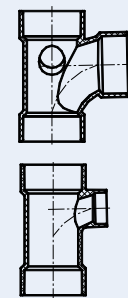
Part Number	Size (in)	Std PK	Mstr Ctn
LP404-241	2x1-1/2x1-1/2	50	0
LP404-251	2x2x1-1/2	15	60
LP404-257	2x1-1/2x2	15	60
LP404-337	3x3x1-1/2	9	36
LP404-338	3x3x2	15	0
LP404-420	4x4x2	10	0

SANITARY TEE W/ LEFT SIDE INLET (ALL HUB)



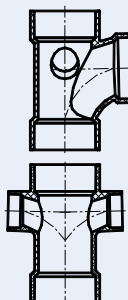
Part Number	Size (in)	Std PK	Mstr Ctn
LP416-337	3x3x3x1-1/2	8	0
LP416-338	3x3x3x2	10	0
LP416-420	4x4x4x2	4	0

SANITARY TEE W/ RIGHT SIDE INLET (ALL HUB)



Part Number	Size (in)	Std PK	Mstr Ctn
LP417-337	3x3x3x1-1/2	10	0
LP417-338	3x3x3x2	12	0
LP417-420	4x4x4x2	8	0

SANITARY TEE W/ R & L SIDE INLETS (ALL HUB)

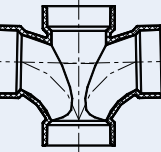


Part Number	Size (in)	Std PK	Mstr Ctn
LP418-337	3x3x3x1-1/2x1-1/2	6	0
LP418-338	3x3x3x2x2	6	0
LP418-420	4x4x4x2x2	5	0

PVC DWV FITTINGS

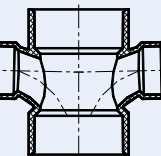


DOUBLE SANITARY TEE (ALL HUB)



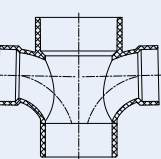
Part Number	Size (in)	Std PK	Mstr Ctn
LP428-015	1-1/2	15	60
LP428-020	2	25	0
LP428-030	3	6	0
LP428-040	4	6	0
LP428-060	6	1	0

DOUBLE SANITARY TEE, REDUCING (ALL HUB)



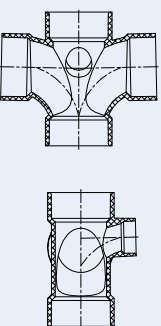
Part Number	Size (in)	Std PK	Mstr Ctn
LP429-251	2x2x1-1/2x1-1/2	25	0
LP429-323	3x3x2x1-1/2	25	0
LP429-337	3x3x1-1/2x1-1/2	6	24
LP429-338	3x3x2x2	10	0
LP429-419	4x4x1-1/2x1-1/2	7	0
LP429-420	4x4x2x2	5	0
LP429-422	4x4x3x3	5	0
LP429-528	6x6x2x2	4	0
LP429-530	6x6x3x3	4	0
LP429-532	6x6x4x4	3	0

DOUBLE SANITARY TEE, STREET, REDUCING (S×H×H×H)



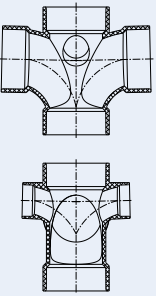
Part Number	Size (in)	Std PK	Mstr Ctn
LP431-338	3x3x2x2	10	0

DOUBLE SANITARY TEE, W/SIDE INLET (ALL HUB)



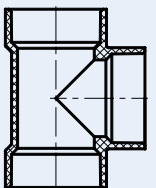
Part Number	Size (in)	Std PK	Mstr Ctn
LP438-337	3x3x3x3x1-1/2	5	0
LP438-338	3x3x3x3x2	5	0
LP438-420	4x4x4x4x2	4	0

DOUBLE SANITARY TEE W/ R&L SIDE INLETS (ALL HUB)



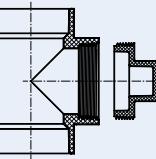
Part Number	Size (in)	Std PK	Mstr Ctn
LP439-338	3x3x3x3x2x2	4	0
LP439-420	4x4x4x4x2x2	4	0

VENT TEE (ALL HUB)



Part Number	Size (in)	Std PK	Mstr Ctn
LP441-015	1-1/2	25	100
LP441-020	2	25	0
LP441-030	3	10	0
LP441-040	4	5	0
LP441-060	6	3	0
LP441-080	8	5	0

CLEANOUT TEE W/ C.O. PLUG (H×H)

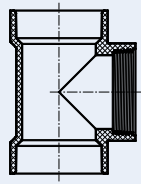


Part Number	Size (in)	Std PK	Mstr Ctn
LP444X-015	1-1/2	20	80
LP444X-020	2	15	60
LP444X-030	3	20	0
LP444X-040	4	10	0
LP444X-060	6	4	0
LP444X-080	8	4	0

PVC DWV FITTINGS

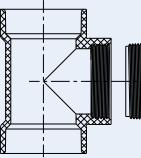


FLUSH C.O. TEE (H×H×FPT)



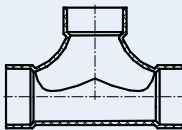
Part Number	Size (in)	Std PK	Mstr Ctn
LP445-015	1-1/2	20	120
LP445-020	2	20	80
LP445-030	3	15	0
LP445-040	4	10	0
LP445-060	6	6	0
LP445-080	8	4	0

FLUSH C.O. TEE W/C. O. PLUG (H×H×FPT)



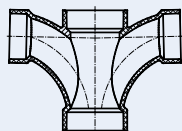
Part Number	Size (in)	Std PK	Mstr Ctn
LP445X-020	2	10	60
LP445X-030	3	10	0
LP445X-040	4	10	0

2-WAY CLEANOUT (ALL HUB)



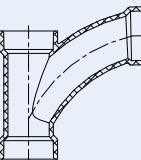
Part Number	Size (in)	Std PK	Mstr Ctn
LP448-030	3	10	0
LP448-040	4	4	0

DOUBLE FIXTURE FITTING (ALL HUB)



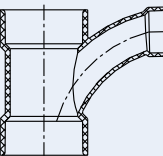
Part Number	Size (in)	Std PK	Mstr Ctn
LP500-020	2x2x2x2	15	0
LP500-030	3x3x3x3	10	0
LP500-241	2x1-1/2x1-1/2x1-1/2	20	0
LP500-251	2x2x1-1/2x1-1/2	20	0
LP500-257	2x1-1/2x2x2	20	0
LP500-338	3x2x3x3	10	0

COMBINATION WYE AND 1/8 BEND (ONE PIECE) (ALL HUB)



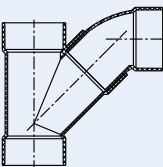
Part Number	Size (in)	Std PK	Mstr Ctn
LP501-015	1-1/2	10	40
LP501-020	2	20	0
LP501-030	3	10	0
LP501-040	4	4	0

COMBINATION WYE AND 1/8 BEND, REDUCING (ONE PIECE) (ALL HUB)



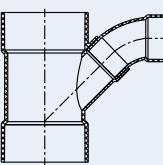
Part Number	Size (in)	Std PK	Mstr Ctn
LP502-241	2x1-1/2x1-1/2	10	40
LP502-251	2x2x1-1/2	10	40
LP502-257	2x1-1/2x2	20	0
LP502-337	3x3x1-1/2	12	0
LP502-338	3x3x2	12	0
LP502-420	4x4x2	6	0
LP502-422	4x4x3	4	0

COMBINATION WYE AND 1/8 BEND (TWO PIECE) (ALL HUB)



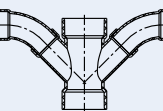
Part Number	Size (in)	Std PK	Mstr Ctn
LP503-015	1-1/2		
LP503-020	2		
LP503-030	3	10	0
LP503-040	4	5	0
LP503-060	6	1	0
LP503-080	8	1	0

COMBINATION WYE AND 1/8 BEND, REDUCING (TWO PIECE) (ALL HUB)



Part Number	Size (in)	Std PK	Mstr Ctn
LP504-338	3x3x2		
LP504-422	4x4x3	8	0
LP504-532	6x6x4	3	0
LP504-582	8x8x4	2	0
LP504-585	8x8x6	2	0
LP504-624	10x10x4	2	0

COMBINATION WYE AND 1/8 BEND DOUBLE ASSEMBLY (ALL HUB)

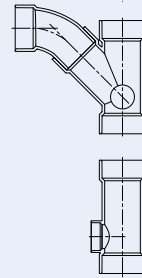


Part Number	Size (in)	Std PK	Mstr Ctn
LP507-015	1-1/2	10	0
LP507-020	2	10	0
LP507-030	3	6	0
LP507-040	4	3	0
LP507-251	2x1-1/2	30	0
LP507-338	3x2	10	0
LP507-420	4x2	5	0
LP507-422	4x3	5	0

PVC DWV FITTINGS

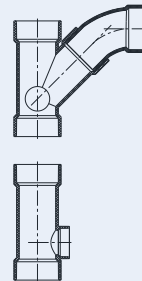


COMBINATION WYE AND 1/8 BEND W/LEFT SIDE INLET (ALL HUB)



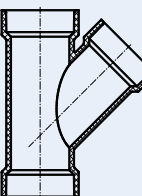
Part Number	Size (in)	Std PK	Mstr Ctn
LP515-338	3x3x3x2	8	0

COMBINATION WYE AND 1/8 BEND W/RIGHT SIDE INLET (ALL HUB)



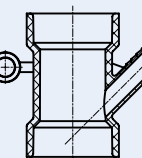
Part Number	Size (in)	Std PK	Mstr Ctn
LP516-338	3x3x3x2	8	0

WYE (ALL HUB)



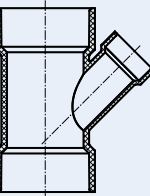
Part Number	Size (in)	Std PK	Mstr Ctn
LP600-012	1-1/4	25	100
LP600-015	1-1/2	50	0
LP600-020	2	25	0
LP600-030	3	15	0
LP600-040	4	8	0
LP600-060	6	2	0
LP600-080	8	2	0

DISHWASHER WYE(H X H X HOSE BARB)



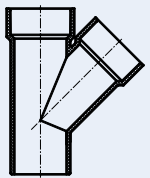
Part Number	Size (in)	Std PK	Mstr Ctn
LP601-209	1-1/2x1-1/2x1/2	40	160

REDUCING WYE (ALL HUB)



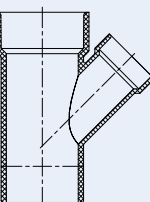
Part Number	Size (in)	Std PK	Mstr Ctn
LP601-241	2x1-1/2x1-1/2	15	60
LP601-251	2x2x1-1/2	15	60
LP601-257	2x1-1/2x2	10	40
LP601-337	3x3x1-1/2	15	0
LP601-338	3x3x2	12	0
LP601-419	4x4x1-1/2	10	0
LP601-420	4x4x2	10	0
LP601-422	4x4x3	10	0
LP601-528	6x6x2	5	0
LP601-530	6x6x3	3	0
LP601-532	6x6x4	4	0
LP601-582	8x8x4	4	0
LP601-585	8x8x6	2	0
LP601-624	10x10x4	4	0

WYE, STREET (S×H×H)



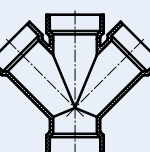
Part Number	Size (in)	Std PK	Mstr Ctn
LP602-015	1-1/2	50	0
LP602-020	2	10	40
LP602-030	3	10	0
LP602-040	4	8	0

WYE, STREET, REDUCING (S×H×H)



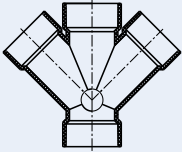
Part Number	Size (in)	Std PK	Mstr Ctn
LP603-251	2x2x1-1/2	15	60
LP603-337	3x3x1-1/2	15	0
LP603-338	3x3x2	8	0
LP603-420	4x4x2	5	0
LP603-422	4x4x3	5	0

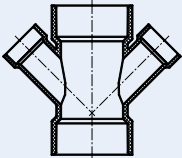
DOUBLE WYE (ALL HUB)

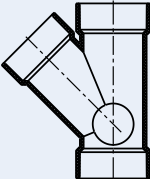


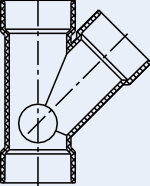
Part Number	Size (in)	Std PK	Mstr Ctn
LP611-015	1-1/2	40	0
LP611-020	2	20	0
LP611-030	3	8	0
LP611-040	4	5	0
LP611-060	6	1	0

PVC DWV FITTINGS

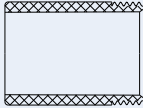
DOUBLE WYE, W/2" SIDE INLET (ALL HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP611S-030	3x3x3x3x2	10	0

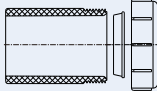
REDUCING DOUBLE WYE (ALL HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP612-251	2x2x1-1/2x1-1/2	10	40
	LP612-337	3x3x1-1/2x1-1/2	10	0
	LP612-338	3x3x2x2	15	0
	LP612-420	4x4x2x2	6	0
	LP612-422	4x4x3x3	5	0
	LP612-528	6x6x2x2	4	0
	LP612-530	6x6x3x3	3	0
	LP612-532	6x6x4x4	3	0

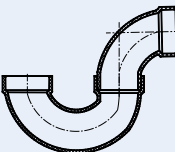
WYE W/LEFT SIDE INLET (ALL HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP625-338	3x3x3x2	18	0
	LP625-420	4x4x4x2	4	0

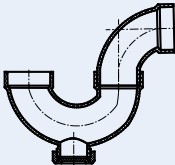
WYE W/RIGHT SIDE INLET (ALL HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP626-338	3x3x3x2	6	0
	LP626-420	4x4x4x2	3	0

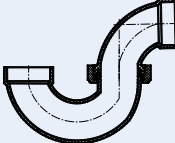
RETURN BEND (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP700-015	1-1/2	20	80
	LP700-020	2	25	0
	LP700-030	3	8	0
	LP700-040	4	6	0
	LP700-060	6	2	0

ADAPTER, TAIL PIECE BODY W/O PLASTIC NUT (SPG×MIPT)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP704-015	1-1/2	24	144

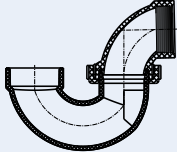
ADAPTER, TAIL PIECE W/PLASTIC NUT (S×SLIP)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP704P-015	1-1/2	24	144
	LP704P-212	1-1/2x1-1/4	20	120

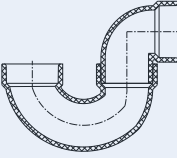
P-TRAP (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP706X-015	1-1/2	25	0
	LP706X-020	2	15	0
	LP706X-030	3	10	0
	LP706X-040	4	4	0
	LP706X-060	6	1	0

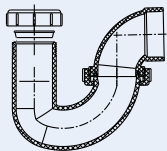
P-TRAP W/ CLEANOUT (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP707X-015	1-1/2	30	0
	LP707X-020	2	20	0

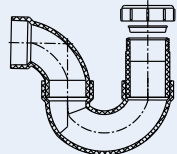
ADJUSTABLE P-TRAP W/ PLASTIC NUT (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP708P-012	1-1/4	30	0
	LP708P-015	1-1/2	30	0
	LP708P-020	2	20	0

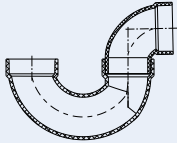
PVC DWV FITTINGS

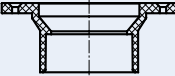
P-TRAP W/UNION JOINT (H x FPT)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP709-015	1-1/2	30	0

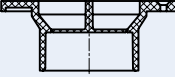
P-TRAP, LOW PROFILE (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP710-015	1-1/2	25	0
	LP710-020	2	15	0
	LP710-030	3	10	0
	LP710-040	4	4	0
	LP710-060	6	1	0

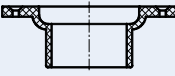
L.A. PATTERN P-TRAP ,W/UNION & 1-1/2 & 1-1/4 SLIP WASHERS ,W/PLASTIC NUT (SLIP×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP711P-169	1-1/4x1-1/2	30	0
	LP711P-015	1-1/2	30	0

P-TRAP (H×SLIP)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP713-015	1-1/2	25	0

WASHER BOX P-TRAP (H×H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP716-020	2	20	0

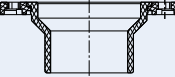
CLOSET FLANGE (H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP800-040	4x4	30	0
	LP800-422	4x3	25	0

CLOSET FLANGE W/TEST PLATE(H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP800T-422	4x3	20	0

CLOSET FLANGE, REDUCING (SPIGOT)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP801-422	4x3	25	0

CLOSET FLANGE W/ADJUSTABLE METAL RING (EPOXY COATED)(H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP811-422	4x3	20	0
	LP811-040	4x4	20	0

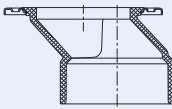
CLOSET FLANGE W/ADJUSTABLE METAL RING (EPOXY COATED)(S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP812-422	4x3	36	0
	LP812-040	4x4	30	0

CLOSET FLANGE W/ ADJUSTABLE PLASTIC RING (S)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP812P-422	4x3	25	0

PVC DWV FITTINGS

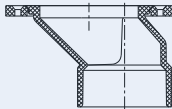


OFFSET CLOSET FLANGE W/ADJUSTABLE METAL RING (EPOXY COATED)(H)



Part Number	Size (in)	Std PK	Mstr Ctn
LP820-422	4x3	24	0
LP820-040	4x4	16	0

OFFSET CLOSET FLANGE W/ADJUSTABLE PLASTIC RING (H)



Part Number	Size (in)	Std PK	Mstr Ctn
LP820P-422	4x3	24	0

CLOSET FLANGE (FPT)



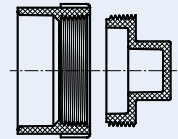
Part Number	Size (in)	Std PK	Mstr Ctn
LP830-422	4x3	20	0

CLOSET FLANGE (MPT)



Part Number	Size (in)	Std PK	Mstr Ctn
LP831-422	4x3	25	0

TUBE END CLEANOUT (H×GASKET PLUG)



Part Number	Size (in)	Std PK	Mstr Ctn
LP905X-015	1-1/2	25	150
LP905X-020	2	25	100
LP905X-030	3	20	80
LP905X-040	4	24	0

Fitting Terms and Abbreviations:

- H/HUB : Solvent Weld Socket
- S : Spigot End (pipe O.D. size)
- FPT : Female Iron Pipe Thread
- MPT : Male Iron Pipe Thread
- NPSM : Straight Thread for Mechanical Joint
- SLIP : Trap End for Receiving Drain Tail Piece
- W/ : with
- C.O. : Cleanout
- S/D : Sewer&Drain
- L.A. : Los Angeles

Note : Polyethylene Test Cap Series in PVC DWV is the Same as the one in ABS DWV

PVC SDR 35 Sewer Fittings

QUALITY

LESSO America's plastic fittings line is renowned worldwide for its Superior quality, which complies with cNSFus and UPC certifications, and exceeds the requirements of ASTM standards and CSA standards.

REFERENTIAL STANDARDS

- NSF/ANSI Standard 14- plastic Piping System Components and Related Materials
- ASTM D 3034 Standard Specification for Type PSM Poly(Vinyl Chloride)(PVC) Sewer Pipe and Fittings

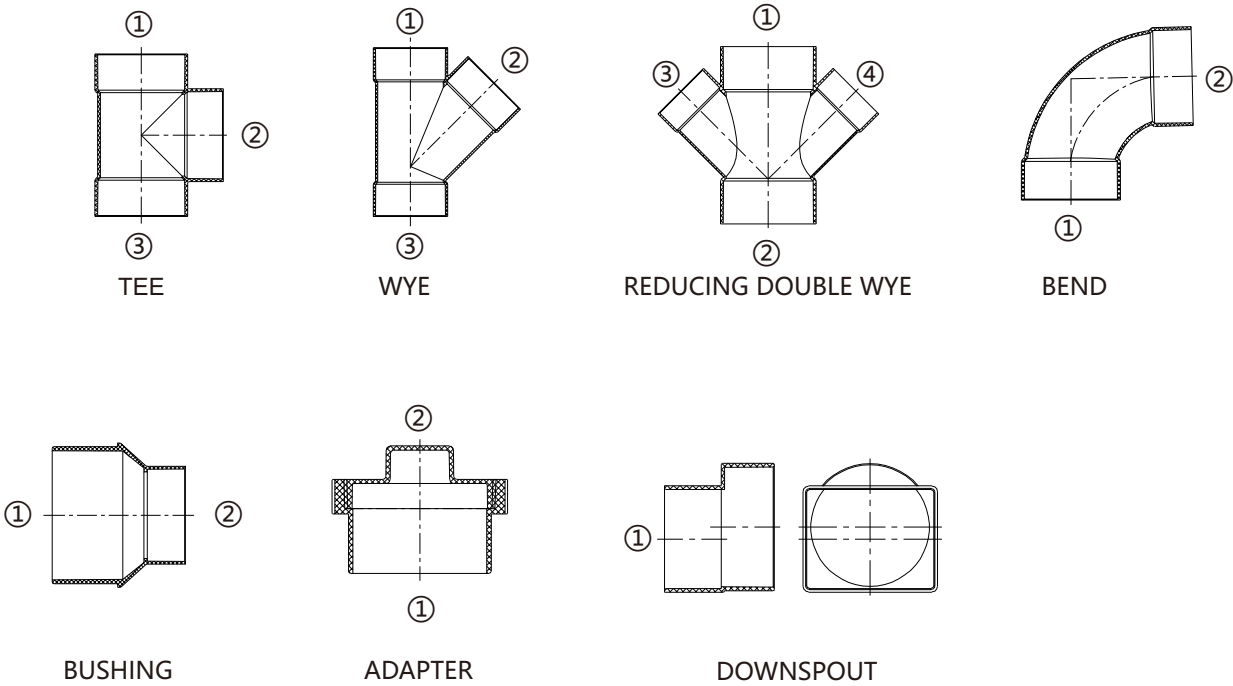


COLUMN HEADER INFORMATION

Each product column header label identifies the following product particulars:
Part Number: the number used to order the part. PN ending with B represents it with a UPC barcode.
Size: nominal diameter of pipe with which the fitting is to be used.
NOTE: Fittings may be same size (only one size designation) or reducing (multiple sizes designated).
Standard Pack (Std Pk) the quantity of parts packaged in an individual box or bag.
Master Carton (Mstr Ctn) the total quantity of parts contained in individual boxes or bags which are packaged together.

METHODS OF DESIGNATING INLETS OF FITTINGS

PVC SDR 35 SEWER FITTINGS



PVC SDR 35 SEWER FITTINGS



ADAPTER COUPLING (SEWER HUB × DWV HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP117-030	3×3	35	0
	LP117-040	4×4	20	0
	LP117-060	6×6	12	0
	LP117-338	3×2	60	0
	LP117-422	4×3	12	48
	LP117-532	6×4	18	0

PIPE INCREASER-REDUCER (H × H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW102-338	3×2	60	0
	LSW102-422	4×3	64	0
	LSW102-532	6×4	18	0
	LSW102-582	8×4	12	0

ADAPTER BUSHING (SEWER SPG×DWV HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP117X-040	4×4	60	0
	LP117X-060	6×6	10	0
	LP117X-337	3×1-1/2	65	0
	LP117X-338	3×2	60	0
	LP117X-420	4×2	56	0
	LP117X-422	4×3	8	48
	LP117X-437	4×1-1/2	40	0
	LP117X-532	6×4	10	0

FITTING CLEANOUT ADAPTER (S × FPT)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW105-030	3	63	0
	LSW105-040	4	84	0
	LSW105-060	6	24	0
	LSW105-080	8	12	0

ADAPTER BUSHING (DWV SPG × SEWER HUB)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LP118-020	2×2	25	300
	LP118-030	3×3	25	150
	LP118-040	4×4	10	60
	LP118-060	6×6	12	0

FITTING CLEANOUT ADAPTER W/ C.O. PLUG (S × FPT)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW105X-030	3	45	0
	LSW105X-040	4	60	0
	LSW105X-060	6	18	0

COUPLING (H × H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW100-030	3	40	0
	LSW100-040	4	28	0
	LSW100-060	6	12	0
	LSW100-080	8	10	0

CLEANOUT PLUG(MPT)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW106-030	3	120	0
	LSW106-040	4	70	0
	LSW106-060	6	25	0
	LSW106-080	8	25	0

FEMALE ADAPTER (FPT × H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW101-030	3	50	0
	LSW101-040	4	56	0
	LSW101-060	6	18	0
	LSW101-080	8	12	0

REDUCING BUSHING (S × H)				
	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW107-338	3×2	100	0
	LSW107-422	4×3	45	0

PVC SDR 35 SEWER FITTINGS

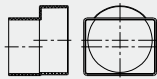


MALE ADAPTER (MPT × H)



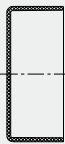
Part Number	Size (in)	Std PK	Mstr Ctn
LSW109-030	3	50	0
LSW109-040	4	50	0

FLUSH DOWNSPOUT ADAPTER
(DOWNSPOUTxSEWER HUB, HxH)



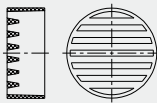
Part Number	Size (in)	Std PK	Mstr Ctn
LSW218-0233	2×3×3	40	0
LSW218-0234	2×3×4	30	0
LSW218-0344	3×4×4	40	0
LSW218-0466	4×6×6	15	0

CAP (HUB)



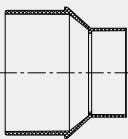
Part Number	Size (in)	Std PK	Mstr Ctn
LSW116-030	3	90	0
LSW116-040	4	70	0
LSW116-060	6	25	0
LSW116-080	8	16	0

DRAIN GRATE(SPG)



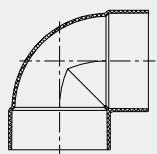
Part Number	Size (in)	Std PK	Mstr Ctn
LSW299-030	3	110	0
LSW299-040	4	56	0
LSW299-060	6	32	0
LSW299-080	8	12	0

EXTENDED REDUCER BUSHING (SPGxH)



Part Number	Size (in)	Std PK	Mstr Ctn
LSW117XE-532	6×4	10	0
LSW117XE-582	8×4	12	0
LSW117XE-585	8×6	12	0

1/4 BEND (H × H)



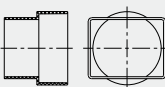
Part Number	Size (in)	Std PK	Mstr Ctn
LSW300-030	3	30	0
LSW300-040	4	15	0
LSW300-060	6	7	0
LSW300-080	8	3	0

REPAIR COUPLING (H × H)



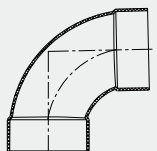
Part Number	Size (in)	Std PK	Mstr Ctn
LSW130-040	4	30	0
LSW130-060	6	12	0

DOWNSPOUT ADAPTER
(DOWNSPOUTxSEWER HUB,HxH)



Part Number	Size (in)	Std PK	Mstr Ctn
LSW217-0233	2×3×3	36	0
LSW217-0234	2×3×4	60	0
LSW217-0343	3×4×3	85	0
LSW217-0344	3×4×4	36	0

LONG SWEEP 1/4 BEND (H × H)

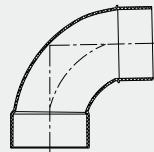


Part Number	Size (in)	Std PK	Mstr Ctn
LSW304-030	3	25	0
LSW304-040	4	16	0
LSW304-060	6	4	0
LSW304-080	8	4	0

PVC SDR 35 SEWER FITTINGS

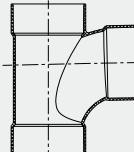


LONG SWEEP 1/4 BEND, STREET (S × H)



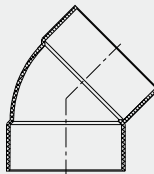
Part Number	Size (in)	Std PK	Mstr Ctn
LSW309-030	3	25	0
LSW309-040	4	15	0

SANITARY TEE (ALL HUB)



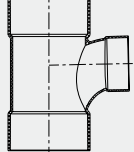
Part Number	Size (in)	Std PK	Mstr Ctn
LSW400-030	3	18	0
LSW400-040	4	8	0
LSW400-060	6	3	0
LSW400-080	8	2	0

1/8 BEND (H × H)



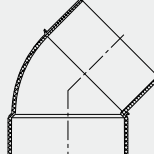
Part Number	Size (in)	Std PK	Mstr Ctn
LSW321-020	2	100	0
LSW321-030	3	45	0
LSW321-040	4	18	0
LSW321-060	6	8	0
LSW321-080	8	7	0

REDUCING SANITARY TEE (ALL HUB)



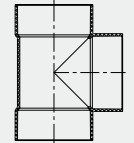
Part Number	Size (in)	Std PK	Mstr Ctn
LSW401-532	6×6×4	5	0

1/8 BEND, STREET (S × H)



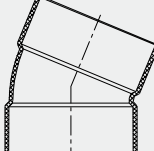
Part Number	Size (in)	Std PK	Mstr Ctn
LSW323-030	3	40	0
LSW323-040	4	20	0
LSW323-060	6	5	0
LSW323-080	8	4	0

TEE (ALL HUB)



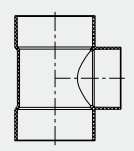
Part Number	Size (in)	Std PK	Mstr Ctn
LSW441-030	3	23	0
LSW441-040	4	12	0
LSW441-060	6	5	0
LSW441-080	8	5	0

1/16 BEND (H × H)



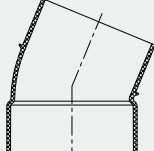
Part Number	Size (in)	Std PK	Mstr Ctn
LSW324-030	3	30	0
LSW324-040	4	20	0
LSW324-060	6	10	0
LSW324-080	8	8	0

REDUCING TEE (ALL HUB)



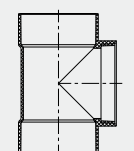
Part Number	Size (in)	Std PK	Mstr Ctn
LSW441-422	4×4×3	20	0
LSW441-532	6×6×4	4	0
LSW441-582	8×8×4	3	0
LSW441-585	8×8×6	4	0

1/16 BEND, STREET (S × H)



Part Number	Size (in)	Std PK	Mstr Ctn
LSW326-030	3	35	0
LSW326-040	4	33	0
LSW326-060	6	10	0
LSW326-080	8	6	0

CLEANOUT TEE (H × H × FPT)

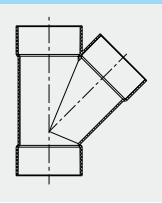


Part Number	Size (in)	Std PK	Mstr Ctn
LSW445-040	4	20	0

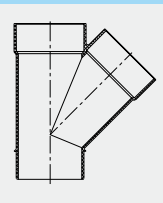
PVC SDR 35 SEWER FITTINGS



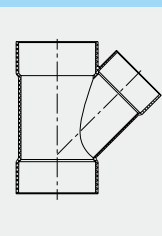
WYE (ALL HUB)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW600-030	3	18	0
	LSW600-040	4	10	0
	LSW600-060	6	2	0
	LSW600-080	8	2	0

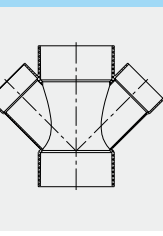
WYE, STREET (S × H × H)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW602-040	4	13	0

REDUCING WYE(ALL HUB)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW601-338	3×3×2	35	0
	LSW601-422	4×4×3	15	0
	LSW601-532	6×6×4	5	0
	LSW601-582	8×8×4	5	0
	LSW601-585	8×8×6	2	0

REDUCING DOUBLE WYE(ALL HUB)

	Part Number	Size (in)	Std PK	Mstr Ctn
	LSW612-532	6×4	3	0

PVC SDR 35 SEWER FITTINGS



ABS DWV Fittings

QUALITY

LESSO America's plastic fittings line is renowned worldwide for its superior quality, which complies with cNSFus certification, and exceeds the requirements of ASTM standards and CSA standards.

REFERENTIAL STANDARDS

ASTM D3965
Standard Classification System and Basis for Specifications for Rigid Acrylonitrile-Butadiene-Styrene (ABS) Materials for Pipe and Fittings

ASTM D2661
Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings

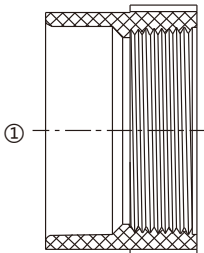
CSA B181.1
Acrylonitrile-Butadiene-Styrene (ABS) Drain, Waste, and Vent Pipe and pipe fittings



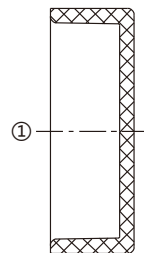
Column Header Information

Each product column header label identifies the following product particulars:
Part Number: the number used to order the part. PN ending with B represents it with a UPC barcode.
Size: nominal diameter of pipe with which the fitting is to be used.
NOTE: Fittings may be same size (only one size designation) or reducing (multiple sizes designated).
Standard Pack (Std Pk) the quantity of parts packaged in an individual box or bag.

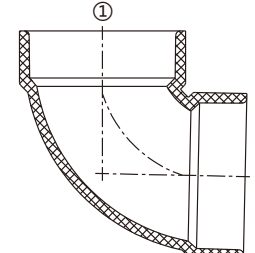
Methods of Designating Inlets of Fittings



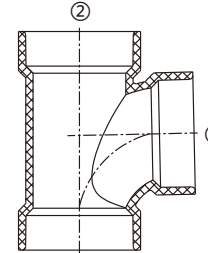
FEMALE ADAPTER



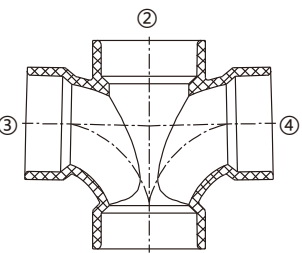
CAP



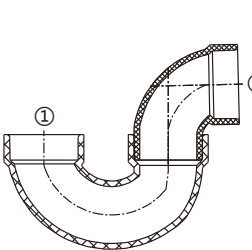
90° ELBOW



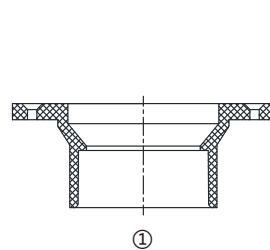
SANITARY TEE



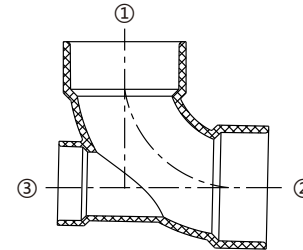
DOUBLE SANITARY TEE



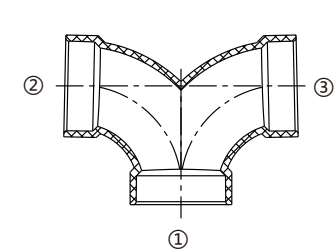
P-TRAP



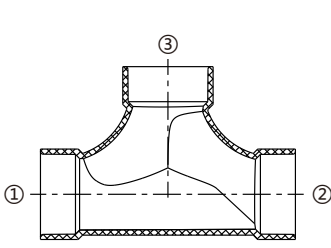
CLOSET FLANGE



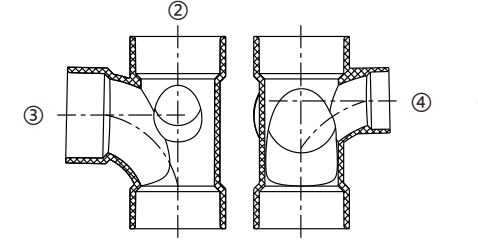
90° ELBOW W/LOW HEEL INLET



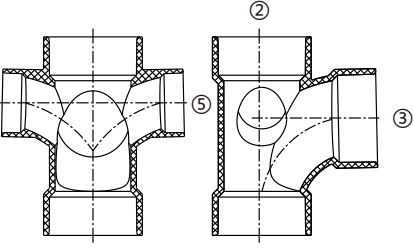
DOUBLE 90° ELBOW



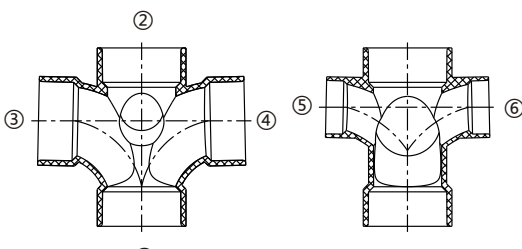
TWO-WAY CLEANOUT



SANITARY TEE W/LEFT SIDE INLET



SANITARY TEE W/R&L SIDE INLET

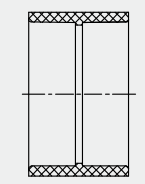


DOUBLE SANITARY TEE W/R&L SIDE INLET

ABS DWV Fittings

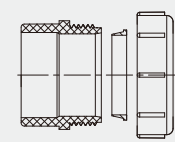


COUPLING (HUB x HUB)



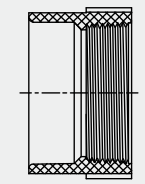
Part Number	Size (in)	Std PK
LN100-012	1-1/4	125
LN100-015	1-1/2	125
LN100-020	2	100
LN100-030	3	45
LN100-040	4	25
LN100-060	6	12

TRAP ADAPTER W/PLASTIC NUT&WASHER (SPGXSJ)



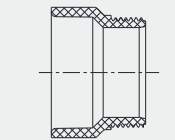
Part Number	Size (in)	Std PK
LN103X-012	1-1/4	100
LN103X-015	1-1/2	100
LN103X-020	2	50
LN103X-212	1-1/2x1-1/4	100

FEMALE ADAPTER (HUB x FIPT)



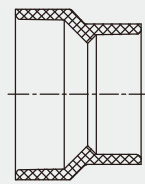
Part Number	Size (in)	Std PK
LN101-012	1-1/4	125
LN101-015	1-1/2	100
LN101-020	2	75
LN101-030	3	30
LN101-040	4	25
LN101-060	6	10

TRAP ADAPTER-FEMALE (HUBxSJ) (WITHOUT NUT)



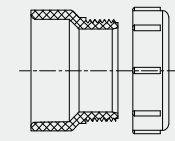
Part Number	Size (in)	Std PK
LN104-012	1-1/4	170
LN104-015	1-1/2	120
LN104-020	2	80
LN104-212	1-1/2"x1-1/4	130

PIPE INCREASER-REDUCER (HUB x HUB)



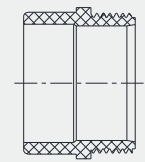
Part Number	Size (in)	Std PK
LN102-212	1-1/2x1-1/4	125
LN102-251	2x1-1/2	75
LN102-337	3x1-1/2	35
LN102-338	3x2	35
LN102-419	4x1-1/2	20
LN102-420L	4x2	10
LN102-422L	4x3	10

TRAP ADAPTER W/PLASTIC NUT (HUB x SJ)



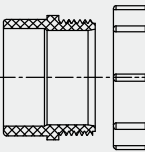
Part Number	Size (in)	Std PK
LN104P-012	1-1/4	125
LN104P-015	1-1/2	100
LN104P-212	1-1/2x1-1/4	100

TRAP ADAPTER-MALE (SPGxSJ) (WITHOUT NUT)



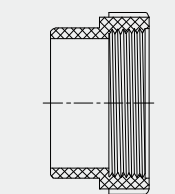
Part Number	Size (in)	Std PK
LN103-012	1-1/4"	200
LN103-015	1-1/2"	150
LN103-020	2	100
LN103-212	1-1/2"x1-1/4"	150

TRAP ADAPTER W/PLASTIC NUT (SPG x SJ)



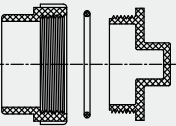
Part Number	Size (in)	Std PK
LN103P-012	1-1/4	100
LN103P-015	1-1/2	100
LN103P-212	1-1/2x1-1/4	100

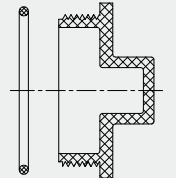
CLEANOUT ADAPTER (SPG x FIPT)



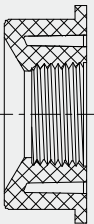
Part Number	Size (in)	Std PK
LN105-012	1-1/4	70
LN105-015	1-1/2	100
LN105-020	2	60
LN105-030	3	35
LN105-040	4	25
LN105-060	6	15

ABS DWV Fittings

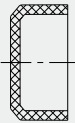
CLEANOUT ADAPTER W/PLUG (SPG x CLEANOUT W/PLUG)			
	Part Number	Size (in)	Std PK
	LN105X-012	1-1/4	110
	LN105X-015	1-1/2	90
	LN105X-020	2	50
	LN105X-030	3	30
	LN105X-040	4	25
	LN105X-060	6	12

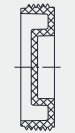
PLUG WITH GASKET (MIPT)			
	Part Number	Size (in)	Std PK
	LN106R-012	1-1/4	100
	LN106R-015	1-1/2	100
	LN106R-020	2	150
	LN106R-025	2-1/2	25
	LN106R-030	3	25
	LN106R-035	3-1/2	25
	LN106R-040	4	35
	LN106R-060	6	10

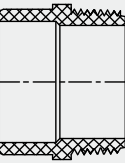
FLUSH BUSHING (SPG x HUB)			
	Part Number	Size (in)	Std PK
	LN107-212	1-1/2x1-1/4	150
	LN107-251	2x1-1/2	150
	LN107-337	3x1-1/2	35
	LN107-338	3x2	60
	LN107-419	4x1-1/2	10
	LN107-420	4x2	20
	LN107-422	4x3	35
	LN107-532	6x4	8

FLUSH ADAPTER (SPG x FIPT)			
	Part Number	Size (in)	Std PK
	LN108-209	1-1/2x1/2	120
	LN108-210	1-1/2x3/4	100
	LN108-212	1-1/2x1-1/4	100
	LN108-251	2x1-1/2	90
	LN108-337	3x1-1/2	40
	LN108-338	3x2	20
	LN108-422	4x3	15

MALE ADAPTER (HUB x MIPT)			
	Part Number	Size (in)	Std PK
	LN109-012	1-1/4	70
	LN109-015	1-1/2	125
	LN109-020	2	80
	LN109-030	3	30
	LN109-040	4	15
	LN109-212	1-1/2x1-1/4	100

SLIP PLUG (SPG)			
	Part Number	Size (in)	Std PK
	LN110S-015	1-1/2	100
	LN110S-020	2	90

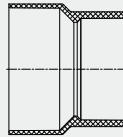
FLUSH C.O. PLUG(MPT)			
	Part Number	Size (in)	Std PK
	LN110-020	2	250
	LN110-030	3	160
	LN110-040	4	75

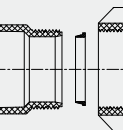
MALE ADAPTER (SPG x MIPT)			
	Part Number	Size (in)	Std PK
	LN111-012	1-1/4	50
	LN111-015	1-1/2	100
	LN111-020	2	25
	LN111-030	3	20
	LN111-040	4	10
	LN111-212	1-1/2x1-1/4	50

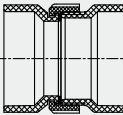
P-TRAP PLUG(FIPT)			
	Part Number	Size (in)	Std PK
	LN115-012	1-1/4	180

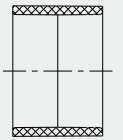
CAP (HUB)			
	Part Number	Size (in)	Std PK
	LN116-012	1-1/4	120
	LN116-015	1-1/2	90
	LN116-020	2	110
	LN116-030	3	30
	LN116-040	4	25
	LN116-060	6	24

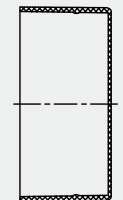
ABS DWV Fittings

SEWER & DRAIN ADAPTER (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN117-422	4x3	25

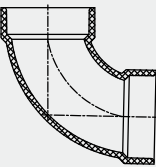
ABS-COPPER ADAPTER (HUB x SJ)			
	Part Number	Size (in)	Std PK
	LN120-015	1-1/2	80
	LN120-212	1-1/2x1-1/4	80

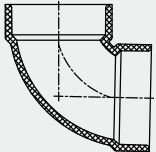
UNION (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN126-015	1-1/2	50
	LN126-020	2	15

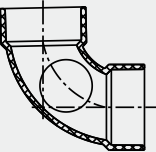
REPAIR COUPLING(HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN130-015	1-1/2	50
	LN130-020	2	25
	LN130-030	3	25
	LN130-040	4	15

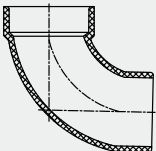
POLYETHYLENE TEST CAP			
	Part Number	Size (in)	Std PK
	LN132-015	1-1/2	200
	LN132-020	2	150
	LN132-030	3	35
	LN132-040	4	40
	LN132-060	6	10

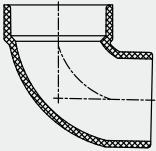
THREADED CAP (FIPT)			
	Part Number	Size (in)	Std PK
	LN135-015	1-1/2	100
	LN135-020	2	125
	LN135-030	3	50

90° ELBOW (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN300-012	1-1/4	75
	LN300-015	1-1/2	110
	LN300-020	2	50
	LN300-030	3	15
	LN300-040	4	15
	LN300-060	6	4

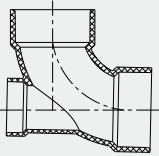
90° ELBOW-SHORT TURN (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN300-012S	1-1/4	70
	LN300-015S	1-1/2	125
	LN300-020S	2	50
	LN300-030S	3	20
	LN300-040S	4	20
	LN300-060S	6	3

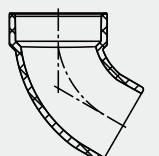
90°ELBOW WITH SIDE INLET (HUB x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN300S-337	3x3x1-1/2	20
	LN300S-338	3x3x2	20

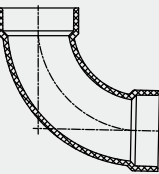
90° STREET ELBOW (HUB x SPG)			
	Part Number	Size (in)	Std PK
	LN302-012	1-1/4	75
	LN302-015	1-1/2	45
	LN302-020	2	25
	LN302-030	3	15
	LN302-040	4	15
	LN302-060	6	3

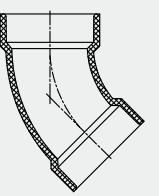
90° STREET ELBOW-SHORT TURN (HUB x SPG)			
	Part Number	Size (in)	Std PK
	LN302-015S	1-1/2	125
	LN302-020S	2	50
	LN302-030S	3	20
	LN302-040S	4	20

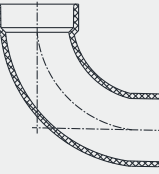
ABS DWV Fittings

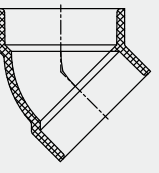
90° ELBOW W/LOW HEEL INLET (HUB x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN303-337	3x3x1-1/2	25
	LN303-338	3x3x2	15
	LN303-420	4x4x2	10

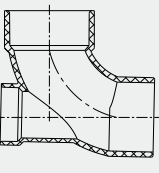
60° STREET ELBOW (HUB x SPG)			
	Part Number	Size (in)	Std PK
	LN320-015	1-1/2	50
	LN320-020	2	25
	LN320-030	3	20
	LN320-040	4	10

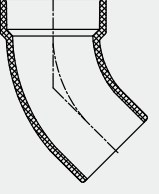
90° LONG SWEEP ELBOW (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN304-012	1-1/4	50
	LN304-015	1-1/2	50
	LN304-020	2	25
	LN304-030	3	10
	LN304-040	4	10

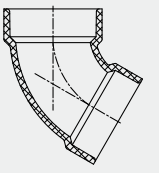
45° ELBOW (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN321-012	1-1/4	100
	LN321-015	1-1/2	100
	LN321-020L	2	50
	LN321-030L	3	20
	LN321-040	4	10
	LN321-060	6	8

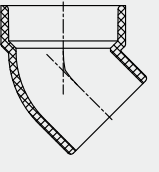
90° STREET LONG SWEEP ELBOW (HUBxSPG)			
	Part Number	Size (in)	Std PK
	LN309-015	1-1/2	50
	LN309-020	2	30
	LN309-030	3	15
	LN309-040	4	15

45° ELBOW-SHORT TURN (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN321-015S	1-1/2	125
	LN321-020S	2	50
	LN321-030S	3	25
	LN321-040S	4	25

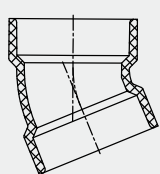
90° STREET ELBOW W/ LOW HEEL INLET (HUB x SPG x HUB)			
	Part Number	Size (in)	Std PK
	LN310-338	3x3x2	10

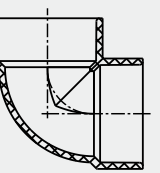
45° STREET ELBOW (HUB x SPG)			
	Part Number	Size (in)	Std PK
	LN323-012	1-1/4	40
	LN323-015	1-1/2	100
	LN323-020L	2	50
	LN323-030L	3	20
	LN323-040	4	10
	LN323-060	6	5

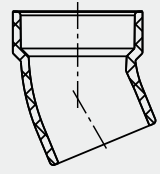
60°ELBOW (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN319-015	1-1/2	60
	LN319-020	2	40
	LN319-030	3	20
	LN319-040	4	10

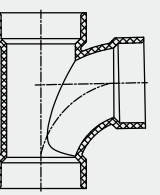
45° STREET ELBOW-SHORT TURN (HUB x SPG)			
	Part Number	Size (in)	Std PK
	LN323-015S	1-1/2	125
	LN323-020S	2	50
	LN323-030S	3	25
	LN323-040S	4	25

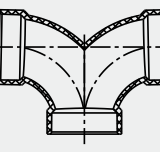
ABS DWV Fittings

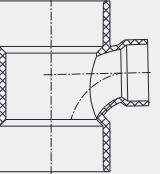
22 1/2° ELBOW (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN324-015	1-1/2	75
	LN324-020	2	50
	LN324-030	3	20
	LN324-040	4	15
	LN324-060	6	5

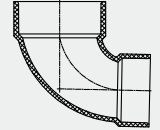
VENT ELL (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN331-012	1-1/4	100
	LN331-015	1-1/2	50
	LN331-020	2	25
	LN331-030	3	20
	LN331-040	4	15

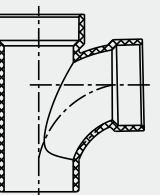
22 1/2° STREET ELBOW (HUB x SPG)			
	Part Number	Size (in)	Std PK
	LN326-015	1-1/2	50
	LN326-020	2	50
	LN326-030	3	20
	LN326-040	4	10

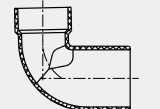
SANITARY TEE (HUB x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN400-012L	1-1/4	50
	LN400-015L	1-1/2	100
	LN400-020L	2	35
	LN400-030	3	20
	LN400-040L	4	10
	LN400-060	6	3

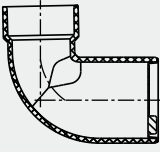
DOUBLE 90° ELBOW (HUB x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN327-015	1-1/2	25
	LN327-020	2	20
	LN327-030	3	5
	LN327-040	4	10
	LN327-241	2x1-1/2x1-1/2	25

REDUCING SANITARY TEE (HUB x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN401-212	1-1/2x1-1/2x1-1/4	50
	LN401-222	1-1/2x1-1/4x1-1/4	50
	LN401-225	1-1/2x1-1/4x1-1/2	50
	LN401-241L	2x1-1/2x1-1/2	25
	LN401-251L	2x2x1-1/2	50
	LN401-257L	2x1-1/2x2	50
	LN401-337	3x3x1-1/2	25
	LN401-338L	3x3x2	20
	LN401-419	4x4x1-1/2	15
	LN401-420	4x4x2	20
	LN401-422	4x4x3	15
	LN401-532	6x6x4	5

90° REDUCING CLOSET ELBOW (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN329-422	4x3	20

STREET SANITARY TEE (SPG x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN403-015	1-1/2	50
	LN403-020	2	20
	LN403-030	3	20
	LN403-040	4	10

90° REDUCING CLOSET STREET ELBOW (HUB x SPG)			
	Part Number	Size (in)	Std PK
	LN330-342	3x4	10

90° REDUCING CLOSET STREET ELBOW W/ TEST CAP (HUB x SPG)			
	Part Number	Size (in)	Std PK
	LN330X-342	3x4	10

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REDUCING STREET SANITARY TEE (SPG x HUB x HUB)

Part Number	Size (in)	Std PK
LN404-241	2x1-1/2x1-1/2	20
LN404-251	2x2x1-1/2	20
LN404-257	2x1-1/2x2	25
LN404-337	3x3x1-1/2	25
LN404-338	3x3x2	20

SANITARY TEE W/LEFT SIDE INLET (ALL HUB)

Part Number	Size (in)	Std PK
LN416-329	3x3x2x2	10
LN416-337	3x3x3x1-1/2	10
LN416-338	3x3x3x2	10
LN416-420	4x4x4x2	5

SANITARY TEE W/RIGHT SIDE INLET (ALL HUB)

Part Number	Size (in)	Std PK
LN417-329	3x3x2x2	5
LN417-337	3x3x3x1-1/2	10
LN417-338	3x3x3x2	10
LN417-420	4x4x4x2	5

SANITARY TEE W/R&L SIDE INLETS (ALL HUB)

Part Number	Size (in)	Std PK
LN418-337	3x3x3x1-1/2x1-1/2	5
LN418-338	3x3x3x2x2	10
LN418-420	4x4x4x2x2	5

DOUBLE SANITARY TEE (ALL HUB)

Part Number	Size (in)	Std PK
LN428-015	1-1/2	15
LN428-020	2	15
LN428-030	3	15
LN428-040	4	6

REDUCING DOUBLE SANITARY TEE (ALL HUB)

Part Number	Size (in)	Std PK
LN429-251	2x2x1-1/2x1-1/2	20
LN429-323	3x3x2x1-1/2	20
LN429-337	3x3x1-1/2x1-1/2	15
LN429-338	3x3x2x2	8
LN429-420	4x4x2x2	5
LN429-422	4x4x3x3	10

DOUBLE SANITARY TEE W /SIDE INLET (ALL HUB)

Part Number	Size (in)	Std PK
LN438-337	3x3x3x3x1-1/2	10
LN438-338	3x3x3x3x2	10
LN438-420	4x4x4x4x2	5

DOUBLE SANITARY TEE W/R&L SIDE INLET (ALL HUB)

Part Number	Size (in)	Std PK
LN439-338	3x3x3x3x2x2	10

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VENT TEE (HUB x HUB x HUB)

Part Number	Size (in)	Std PK
LN441-015	1-1/2	50
LN441-020	2	20
LN441-030	3	10
LN441-040	4	15

REDUCING VENT TEE (HUB x HUB x HUB)

Part Number	Size (in)	Std PK
LN441-337	3x3x1-1/2	35
LN441-338	3x3x2	35

TEST TEE (HUB x HUB x CLEANOUT W/PLUG)

Part Number	Size (in)	Std PK
LN444X-015L	1-1/2	50
LN444X-020L	2	50
LN444X-030L	3	10
LN444X-040L	4	10
LN444X-427	4x3x4	15

TEST TEE (HUB x HUB x FIPT)

Part Number	Size (in)	Std PK
LN445-015L	1-1/2	55
LN445-020L	2	50
LN445-030L	3	25
LN445-040L	4	15

TEST TEE(HUB×HUB×FIPT)

Part Number	Size (in)	Std PK
LN445-427	4×3×4	20

TWO-WAY CLEANOUT (HUB x HUB x HUB)

Part Number	Size (in)	Std PK
LN448-030	3	10
LN448-040	4	5

DOUBLE FIXTURE FITTING (ALL HUB)

Part Number	Size (in)	Std PK
LN500-020	2	25
LN500-030	3	10
LN500-241	2x1-1/2x1-1/2x1-1/2	20
LN500-251	2×2×1-1/2×1-1/2	16
LN500-257	2x1-1/2x2x2	25
LN500-338	3x2x3x3	10

COMBINATION WYE & 1/8 BEND (ONE PIECE) (HUB x HUB x HUB)

Part Number	Size (in)	Std PK
LN501-015	1-1/2	20
LN501-020	2	25
LN501-030	3	10
LN501-040	4	6

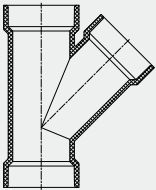
REDUCING COMBINATION WYE & 1/8 BEND (ONE PIECE) (HUB x HUB x HUB)

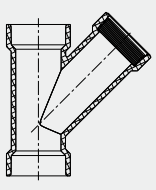
Part Number	Size (in)	Std PK
LN502-241	2x1-1/2x1-1/2	20
LN502-251	2x2x1-1/2	20
LN502-257	2x1-1/2x2	24
LN502-337	3x3x1-1/2	20
LN502-338	3x3x2	10
LN502-420	4x4x2	10
LN502-422	4x4x3	5

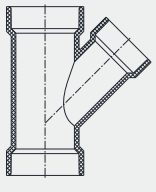
COMBINATION WYE & 1/8 BEND (TWO PIECE) (HUB x HUB x HUB)

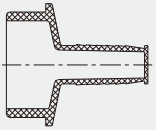
Part Number	Size (in)	Std PK
LN503-020	2	20

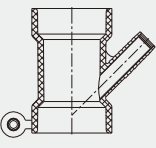
ABS DWV Fittings

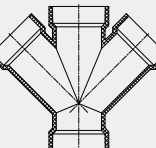
45° WYE (HUB x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN600-012	1-1/4	50
	LN600-015L	1-1/2	50
	LN600-020L	2	25
	LN600-030L	3	15
	LN600-040L	4	10
	LN600-060	6	2

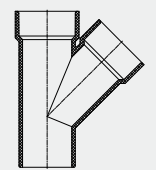
CLEANOUT WYE (HUB x HUB x FIPT)			
	Part Number	Size (in)	Std PK
	LN604-015	1-1/2	50

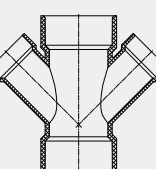
45° REDUCING WYE (HUB x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN601-241	2x1-1/2x1-1/2	25
	LN601-251L	2x2x1-1/2	50
	LN601-337L	3x3x1-1/2	20
	LN601-338L	3x3x2	20
	LN601-419	4x4x1-1/2	20
	LN601-420L	4x4x2	10
	LN601-422L	4x4x3	10
	LN601-530	6x6x3	5
	LN601-532	6x6x4	4

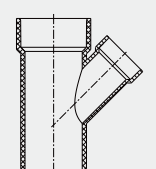
DISHWASHER ADAPTER (SP×BARB)			
	Part Number	Size (in)	Std PK
	LN610-015	1-1/2	70

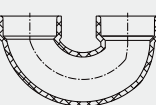
DISHWASHER Y (HUB)			
	Part Number	Size (in)	Std PK
	LN601-209	1-1/2" x 1-1/2" x 1/2"	34
	LN601-210	1-1/2" x 1-1/2" x 3/4"	34

45° DOUBLE WYE (ALL HUB)			
	Part Number	Size (in)	Std PK
	LN611-015	1-1/2	30
	LN611-020	2	20
	LN611-030L	3	5
	LN611-040	4	5

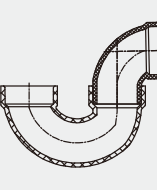
45° STREET WYE (SPG x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN602-015	1-1/2	125
	LN602-020	2	15
	LN602-030	3	20
	LN602-040	4	5

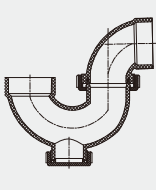
45° REDUCING DOUBLE WYE (ALL HUB)			
	Part Number	Size (in)	Std PK
	LN612-251	2x2x1-1/2x1-1/2	20
	LN612-337	3x3x1-1/2x1-1/2	15
	LN612-338	3x3x2x2	15
	LN612-420	4x4x2x2	10
	LN612-422	4x4x3x3	5
	LN612-532	6x6x4x4	3

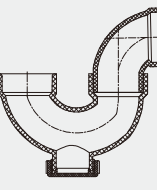
45° REDUCING STREET WYE (SPG x HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN603-337	3x3x1-1/2	10
	LN603-338	3x3x2	25
	LN603-422	4x4x3	10

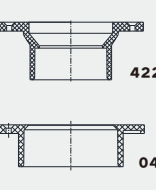
RETURN BEND (HUB×HUB)			
	Part Number	Size (in)	Std PK
	LN700-015	1-1/2	40
	LN700-020	2	30
	LN700-030	3	10
	LN700-040	4	10

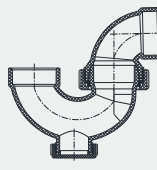
ABS DWV Fittings

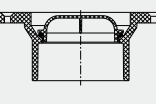
P-TRAP (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN706X-015	1-1/2	40
	LN706X-020	2	20
	LN706X-030	3	10
	LN706X-040	4	6

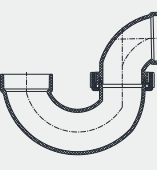
P-TRAP W/UNION & C/O (HUB x HUB x C/O)			
	Part Number	Size (in)	Std PK
	LN712-015	1-1/2	35

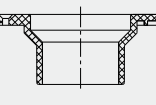
P-TRAP W/PLUG (HUB x HUB x CLEANOUT W/PLUG)			
	Part Number	Size (in)	Std PK
	LN707X-015	1-1/2	35
	LN707X-020	2	20

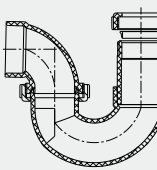
CLOSET FLANGE (HUB)			
	Part Number	Size (in)	Std PK
	LN800-422L	4x3	25
	LN800-040	4x4	25

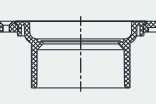
T-RAP W/SWIVEL(HUB×HUB×CLEANOUT W/PLUG)			
	Part Number	Size (in)	Std PK
	LN707S-015	1-1/2	35

CLOSET FLANGE W/ THREADED TEST PLUG (HUB)			
	Part Number	Size (in)	Std PK
	LN800T-422CL	4x3	25
	LN800T-040C	4x4	25

P-TRAP W/UNION JOINT (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LN708P-012	1-1/4	40
	LN708P-015	1-1/2	40
	LN708P-020	2	20

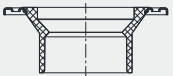
REDUCING CLOSET FLANGE (SPG)			
	Part Number	Size (in)	Std PK
	LN801-422	4x3	25

LA PATTERN P-TRAP W/UNION & PLASTIC NUT (HUB x SJ)			
	Part Number	Size (in)	Std PK
	LN711M-015	1-1/2	50

CLOSET FLANGE W/ADJUSTABLE PLASTIC RING (HUB)			
	Part Number	Size (in)	Std PK
	LN810P-040	4x4	25
	LN810P-422	4x3	24

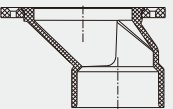
ABS DWV Fittings



CLOSET FLANGE W/ADJUSTABLE METAL RING (EPOXY COATED) (H)			
	Part Number	Size (in)	Std PK
	LN811-422	4×3	24
	LN811-040	4×4	30

CLOSET FLANGE W/ADJUSTABLE PLASTIC RING (SPG)			
	Part Number	Size (in)	Std PK
	LN812P-422	4x3	25

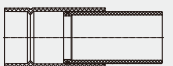
CLOSET FLANGE, ABS-3" INSIDE FIT			
	Part Number	Size (in)	Std PK
	LN813-422	4×3	30

ADJUSTABLE OFFSET FLANGE (HUB)			
	Part Number	Size (in)	Std PK
	LN820-422	4×3	15

CLOSET FLANGE (FIPT)			
	Part Number	Size (in)	Std PK
	LN830-422	4x3	25

CLOSET FLANGE (MIPT)			
	Part Number	Size (in)	Std PK
	LN831-422	4x3	10

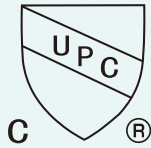
EXPANSION JOINT (HUB x HUB)			
	Part Number	Size (in)	Std PK
	LNH119-015	1-1/2	12
	LNH119-020	2	15
	LNH119-030	3	15
	LNH119-040	4	4

EXPANSION JOINT (HUB x SPG)			
	Part Number	Size (in)	Std PK
	LNH119S-030	3	15

FIPT: Female Iron Pipe Thread
MIPT: Male Iron Pipe Thread
Spg: Spigot
SJ: Slip Joint
W/: with

Note:
Part of items isn't listed in CSA or NSF or UPC temporarily

AMERICAN CERTIFICATIONS



IAPMO RESEARCH AND TESTING, INC.
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Effective Date: December 2019

Product: POLY VINYL CHLORIDE (PVC) Plastic Pipe Fittings, Schedule 40

Issued To: Guangdong Liansu Technology Industrial Co., Ltd
Liansu Industrial Estate
Longjiang Town, Shunde Zone
Foshan, GUANGDONG 528318
China

Identification: Fittings shall be marked permanently and legibly with manufacturer's name or trademark, material designation (PVC I for PVC 12454-B, PVC 12 for PVC 12454-C, PVC 13 for PVC 13354-C and 11443-B, and PVC II for PVC 14333-D), size, "12454-B", "B137.3" and the cUPC® certification mark. Fittings intended for contact with potable water shall bear the mark or the seal of the laboratory making the evaluation for potable water contact as well as the word "potable" or the designation "TP" or "PW". Note: Where the size of the fitting does not allow complete marking, omit identification marking in the following sequence: size, material designation, manufacturer's name or trademark. Where recessed marking is used, care shall be taken to see that in no case marking causes cracks or reduces the wall thickness below the minimum specified.

Characteristics: Poly vinyl chloride (PVC) schedule 40 pipe fittings for use only with the distribution of pressurized liquids, which are chemically


Chairman, Product Certification Committee


CEO, The IAPMO Group



This listing period is based upon the last date of the month indicated on the Effective Date and Void After Date shown above. Any change in material, manufacturing process, marking or design without having first obtained the approval of the Product Certification Committee, or any evidence of non-compliance with applicable codes and standards or of inferior workmanship, may be deemed sufficient cause for revocation of this listing. Production of or reference to this form for advertising purposes may be made only by specific written permission of IAPMO Research and Testing, Inc. Any alteration of this certificate could be grounds for revocation of the listing. This document shall be reproduced in its entirety.

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Issued To: **GUANGDONG LIANSU TECHNOLOGY INDUSTRIAL CO LTD**
LIANSU INDUSTRIAL ESTATE LONGJIANG TOWN SHUNDE ZONE FOSHAN, GD 528318, CHINA

Product: **PVC-DWV Fittings**

Products are in compliance with the following code(s):
Uniform Plumbing Code (UPC®)
National Plumbing Code of Canada

Products are in compliance with the following standard(s):
ASTM D2665-2014 and CSA B181.2-2015 including Updates No. 1 and No. 2 dated September 2015 and Update No. 3 dated May 2017

File Number: 9267

Revised Date: May 19, 2020

Effective Date: July 2019

Void After: July 2024


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CEO, The IAPMO Group

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Issued To: **GUANGDONG LIANSU TECHNOLOGY INDUSTRIAL CO LTD**
LIANSU INDUSTRIAL ESTATE LONGJIANG TOWN SHUNDE ZONE FOSHAN, GD 528318, CHINA

Product: **ABS-DWV Pipe and Fittings**

Products are in compliance with the following code(s):
Uniform Plumbing Code (UPC®)
National Plumbing Code of Canada

Products are in compliance with the following standard(s):
ASTM D2661-2014 and CSA B1800-2018

File Number: 9266

Revised Date: May 19, 2020

Effective Date: July 2019

Void After: July 2024


Chairman, Product Certification Committee




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Limited Warranty

Except as otherwise mandated by law, LESSO America warrants to Buyer only that the Products directly manufactured by LESSO America will be free from defects in material and workmanship for a period of three years from the date of installation. Buyer agrees that this warranty shall be effective so long as the Products are used solely for the normal purposes for which they are intended and in conformity with industry established engineering, installation, operating, and maintenance specifications, recommendations and instructions. Violation thereof shall void this warranty and relieve LESSO America from any obligation under this warranty.

LESSO America may modify at any time design of products or materials used therein or discontinue their manufacture without any liability.

LESSO America shall not assume responsibility, and expressly disclaims any liability, due to Buyer's, any installer's or end user's failure to comply with such specifications, recommendations and instructions, including, but not limited to, damage due to improper control of system hydraulics, improper winterization procedures, improper voltage supply, contact with incompatible materials or chemicals, excavation/digging, excessive weight, temperature shocking, U.V.degradation, vibration and vandalism. LESSO America shall not be liable for damages due to any acts of nature including, but not limited to, lightning, earthquakes, ground movement, frost heave, floods, or any other event of force majeure.

Buyer shall notify LESSO America of any alleged defects within 48 hours of discovery of any alleged defect and within three years' warranty period. LESSO America is not liable for any warranty claim if such notice is not provided. After the examination of the returned products, if the goods are determined to be defective in materials or workmanship directly provided by LESSO America, LESSO America will, at its sole option, may either repair or replace the defective Products, or reimburse Buyer for the cost of such Products. This shall be Buyer's only remedy. All costs of shipping such questionable Products and any replacements thereof to and from LESSO America's facility shall be borne by Buyer.

THIS LIMITED WARRANTY REPLACES ALL OTHER ORAL OR WRITTEN WARRANTIES, LIABILITIES OR OBLIGATIONS OF LESSO America . THIS WARRANTY MAY NOT BE EXTENDED, ALTERED OR OTHERWISE MODIFIED EXCEPT BY WRITTEN AGREEMENT SIGNED BY COMPANY. BY ITS ACCEPTANCE OF THE PRODUCTS, CUSTOMER HEREBY SPECIFICALLY AND EXPRESSLY WAIVES ALL OTHER LIABILITY OR OBLIGATION OF ANY KIND OR CHARACTER OF COMPANY, INCLUDING WITHOUT LIMITATION LIABILITY PREDICATED UPON STRICT LIABILITY OR TORT, AND ALL DAMAGES AND LOSSES AS A RESULT THEREOF, INCLUDING BUT NOT LIMITED TO ALL KNOWN, UNKNOWN, FORESEEABLE, UNFORESEEABLE, ABSOLUTE, CONTINGENT, LIQUIDATED, NON-LIQUIDATED, COMPENSATORY, GENERAL, SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR PUNITIVE DAMAGES, AND WITH RESPECT TO THE PRODUCTS, THEIR RETURN, REPAIR, RESTORATION AND REPLACEMENT.

Buyer agrees that LESSO America will not be responsible for other parts or labor in connection with repairing, replacing, or returning such Products while Products are in possession of LESSO America for analysis, nor for any delays beyond LESSO America's reasonable control(including, with limitation, delays due to unavailability of materials, equipment, other supplies or labor, strikes, governmental regulation etc.), provided that any delay shall toll the warranty period for the same amount of time as the delay itself. In no event shall LESSO America be liable for consequential or incidental damages of any kind, including any damage to any property, building, its contents or any person therein, resulting from the breach of this warranty.

Terms and Conditions of Sale

1. General selling terms are 2% 30 net 45 days and free on board (FOB) Lesso America Warehouses.
2. Free freight allowance (FFA) will be provided on any order of \$2500.00 or more for one shipment to a single destination within the contiguous United States.
3. Minimum order is \$150.00.
4. Returns will be accepted on purchases within 6 months only and must have prior authorization. They will be subject to a minimum of 20% restock fee. Customer is responsible for all shipping costs for the return. Returned items must be in full box and resaleable condition.
5. Any damages or shorted items need to be reported in writing within 15 days after product has been received.
6. Any cancellation for direct shipment must be notified in writing within 2 business days of receipt of purchase order with no fees incurred. If the cancellation is received after 2 business days, the customer shall be responsible for all related freight costs, insurance, customs duties, etc.
7. All pricing and terms are subject to change without prior notice.
8. Revisions or cancellations to all orders must be made within 24 hours after receiving confirmation. (Cancellations after 24 hours may be subject to a restock fee)
9. Will-call orders must be picked up within 72 hours of notification that the order is ready. Any orders not picked up after 72 hours will be returned to stock and subject to a 20% restock fee.
10. Any will-call purchase orders that have back order(s) will need to be confirmed before processing.