Fitting Warehouse

PVC Schedule 40 Fittings and PVC DWV Fittings Technical Manual

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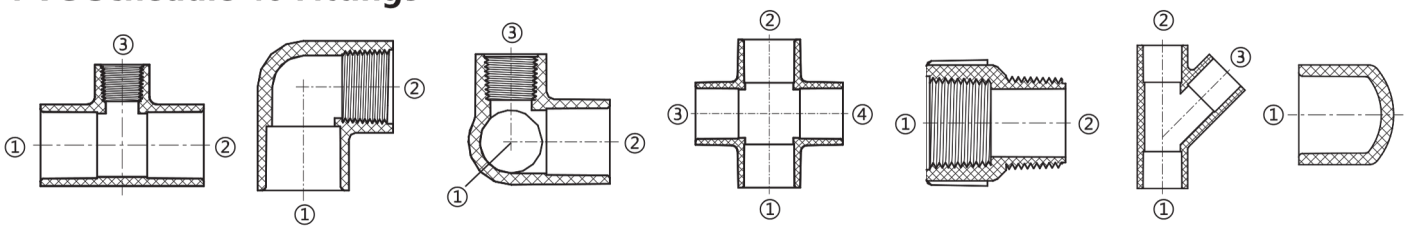
Column Header Information

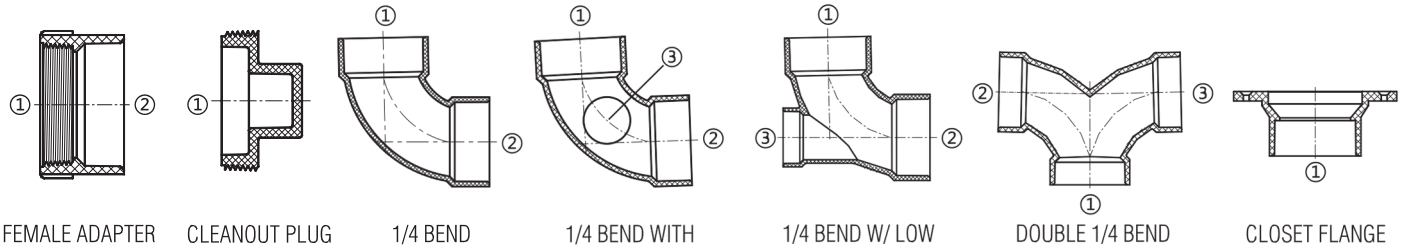
Each product column header label identifies the following product particulars:
Part Number: the number used to order the part.
Size: nominal diameter of pipe with which the fitting is to be used.
NOTE: Fittings may be same size (only one size designation) or reducing (multiple sizes designated).
Standard 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.

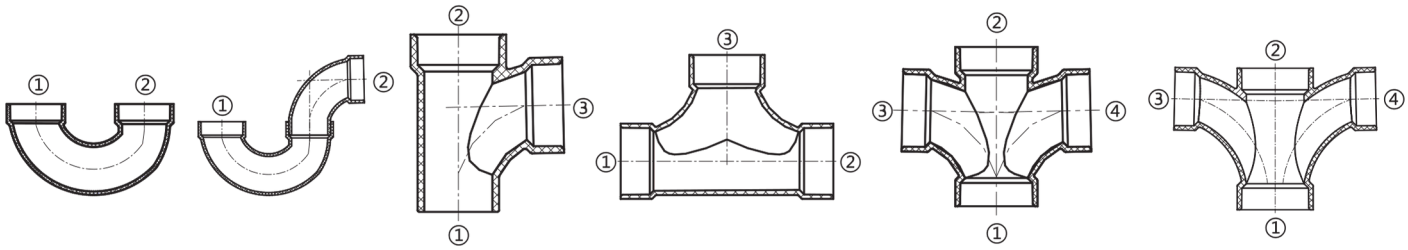
Methods of Designating Inlets of Fittings

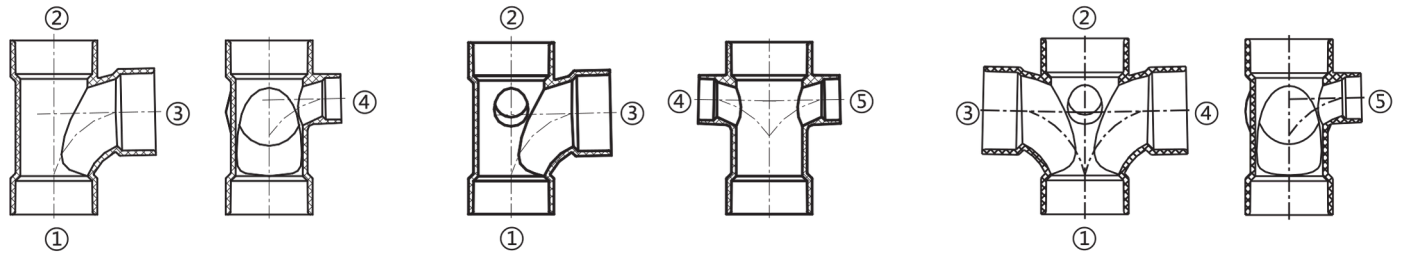
PVC Schedule 40 Fittings

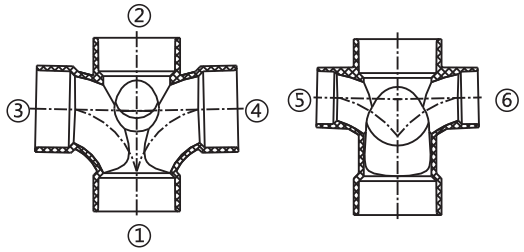


PVC DWV Fittings









DOUBLE SANITARY TEE W/ R&L SIDE INLETS

Introduction

The booklet presents technical informations referential to design, storage and installation of LESSO America PVC fittings.

The booklet just set out a referential advice or method of installation based on LESSO America's experiences and other publications such as Handbook of PVC Pipe Design and Construction (Issued by Uni–bell PVC Pipe Association).

Readers must decided by yourself whether any advice or recommended method or data should be taken or not. It is not our intention that the guide should assume the responsibility unless the engineer so directs the installer.

No representations, guarantees of warranties of any kind are made as to its accuracy, suitability for particular applications or results to be obtained therefrom. For verification of technical or additional information not contained herein, please contact LESSO America customer service departments.

Note: LESSO America PVC fittings are not for distribution or transportation of compressed air or gas, as well as not for test.

Standards

ASTM D2466

This specification covers poly(vinyl chloride) (PVC) Schedule 40 pipe fittings. Included are requirements for materials, workmanship, dimensions, and burst pressure.

ASTM D1784

This specification covers rigid PVC and CPVC compounds intended for general purpose use in extruded or molded form—including pressure piping applications and nonpressure piping applications—composed of poly(vinyl chloride), chlorinated poly(vinyl chloride), or vinyl chloride copolymers containing at least 80 % vinyl chloride, and the necessary compounding ingredients. The compounding ingredients shall be permitted to consist of lubricants, stabilizers, non-poly(vinyl chloride) resin modifiers, pigments, and inorganic fillers.

CSA B181.2

This standard covers thermoplastic nonpressure piping, including
(a) drain, waste, and vent pipe and pipe fittings;
(b) sewer and storm pipe and pipe fittings;
(c) accessories such as factory-assembled expansion joints, closet flanges, backwater valves, and cleanouts.

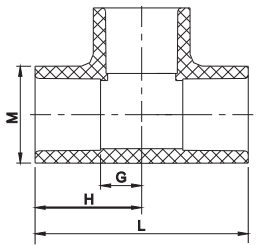
ASTM D2665

This specification covers requirements and test methods for materials, dimensions and tolerances, pipe stiffness, crush resistance, impact resistance, and solvent cement for poly(vinyl chloride) plastic drain, waste, and vent pipe and fittings. Aform of marking is also included. Plastic which does not meet the material requirements specified in Section 5 is excluded. Installation procedures are given in the Appendix.

NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

PVC SCH40 Fittings

TEE (SOC × SOC× SOC)



Part Number	Size(in)	G	H	L	M	Weight (Lbs)
401-003	3/8	7/16	1-3/16	2-3/8	7/8	0.042
401-005	1/2	15/32	1-1/4	2-1/2	1-1/8	0.062
401-007	3/4	9/16	1-9/16	3-1/8	1-11/32	0.101
401-010	1	23/32	1-27/32	3-11/16	1-5/8	0.179
401-012	1-1/4	29/32	2-5/32	4-11/32	2	0.238
401-015	1-1/2	1	2-5/16	4-21/32	2-1/4	0.313
401-020	2	1-1/4	2-21/32	5-5/16	2-3/4	0.472
401-025	2-1/2	1-9/16	3-11/32	6-11/16	3-11/32	0.915
401-030	3	1-7/8	3-3/4	7-17/32	4	1.323
401-040	4	2-11/32	4-3/8	8-25/32	5-1/16	2.191
401-050	5	3-1/16	6-5/32	12-9/32	6-1/8	4.248
401-060	6	3-1/2	6-31/32	13-15/16	7-5/16	5.864
401-080	8	4-21/32	8-11/16	17-13/32	9-3/8	11.894
401-100	10	5-13/16	10-7/8	21-23/32	11-11/16	22.728
401-120	12	6-15/16	12-31/32	25-15/16	13-7/8	37.190

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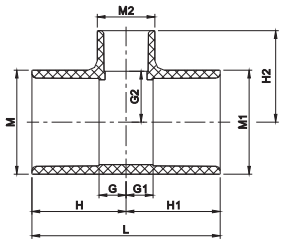
PVC SCH40 Fittings

REDUCING TEE
(SOC × SOC× SOC)



Part Number	Size(in)	G	G1	G2	H	H1	H2	L	M	M1	M2	Weight (Lbs)
401-053	3/8×3/8×1/2	9/16	9/16	½	1-5/16	1-5/16	1-1/4	2-19/32	7/8	7/8	1-3/32	0.053
401-074	1/2×1/2×3/4	9/16	9/16	9/16	1-5/16	1-5/16	1-9/16	2-5/8	1-1/16	1-1/16	1-5/16	0.075
401-075	1/2×1/2×1	25/32	25/32	17/32	1-17/32	1-17/32	1-11/16	3-1/16	1-1/8	1-1/8	1-21/32	0.112
401-094	3/4×1/2×1/2	9/16	1/2	21/32	1-9/16	1-9/32	1-13/32	2-27/32	1-5/16	1-3/32	1-3/32	0.077
401-095	3/4×1/2×3/4	11/16	11/16	5/8	1-11/16	1-15/32	1-5/8	3-5/32	1-5/16	1-3/32	1-5/16	0.106
401-101	3/4×3/4×1/2	1/2	1/2	21/32	1-1/2	1-1/2	1-7/16	2-31/32	1-5/16	1-5/16	1-1/8	0.090
401-102	3/4×3/4×1	21/32	21/32	19/32	1-11/16	1-11/16	1-25/32	3-11/32	1-5/16	1-5/16	1-21/32	0.148
401-122	1×1/2×1	25/32	3/4	3/4	1-29/32	1-17/32	1-7/8	3-7/16	1-5/8	1-3/32	1-5/8	0.146
401-124	1×3/4×1/2	17/32	17/32	25/32	1-21/32	1-17/32	1-9/16	3-3/16	1-5/8	1-5/16	1-3/32	0.119
401-125	1×3/4×3/4	21/32	5/8	25/32	1-25/32	1-5/8	1-25/32	3-13/32	1-5/8	1-5/16	1-5/16	0.148
401-126	1×3/4×1	3/4	25/32	3/4	1-7/8	1-25/32	1-7/8	3-21/32	1-5/8	1-5/16	1-5/8	0.152
401-130	1×1×1/2	17/32	17/32	3/4	1-21/32	1-21/32	1-17/32	3-11/32	1-5/8	1-5/8	1-3/32	0.132
401-131	1×1×3/4	11/16	11/16	25/32	1-13/16	1-13/16	1-25/32	3-5/8	1-21/32	1-21/32	1-11/32	0.161
401-132	1×1×1-1/4	1-1/32	1-1/32	13/16	2-5/32	2-5/32	2-3/32	4-11/32	1-5/8	1-5/8	1-31/32	0.221
401-133	1×1×1-1/2	1-1/8	1-1/8	27/32	2-1/4	2-1/4	2-5/32	4-1/2	1-5/8	1-5/8	2-7/32	0.244
401-134	1×1×2"	1-7/16	1-7/16	27/32	2-9/16	2-9/16	2-7/32	5-1/8	1-5/8	1-5/8	2-23/32	0.300
401-156	1-1/4×1×1/2	1/2	1/2	31/32	1-25/32	1-21/32	1-23/32	3-7/16	1-31/32	1-5/8	1-3/32	0.154
401-157	1-1/4×1×3/4	21/32	21/32	31/32	1-29/32	1-25/32	1-31/32	3-11/16	1-31/32	1-5/8	1-5/16	0.179
401-158	1-1/4×1×1	13/16	13/16	31/32	2-3/32	1-15/16	2-3/32	4-1/32	1-32/32	1-5/8	1-5/8	0.212
401-166	1-1/4×1-1/4×1/2	1/2	1/2	31/32	1-25/32	1-25/32	1-23/32	3-9/16	1-31/32	1-31/32	1-3/32	0.176
401-167	1-1/4×1-1/4×3/4	5/8	5/8	31/32	1-29/32	1-29/32	1-31/32	3-13/16	2	2	1-11/32	0.192
401-168	1-1/4×1-1/4×1	25/32	25/32	31/32	2-1/16	2-1/16	2-3/32	4-1/8	2	2	1-21/32	0.227
401-169	1-1/4×1-1/4×1-1/2	1-1/8	1-1/8	1	2-13/32	2-13/32	2-5/16	4-13/16	1-31/32	1-31/32	2-7/32	0.294
401-199	1-1/2×1-1/4×1/2	17/32	17/32	1-1/32	1-27/32	1-25/32	1-13/16	3-5/8	2-7/32	1-31/32	1-3/32	0.196
401-201	1-1/2×1-1/4×3/4	5/8	5/8	1-3/16	1-15/16	1-29/32	2-7/32	3-27/32	2-7/32	1-31/32	1-5/16	0.225

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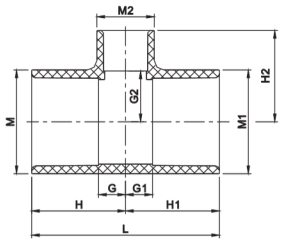
PVC SCH40 Fittings

REDUCING TEE
(SOC × SOC× SOC)



Part Number	Size(in)	G	G1	G2	H	H1	H2	L	M	M1	M2	Weight (Lbs)
401-202	1-1/2×1-1/4×1	23/32	23/32	1-5/32	2-1/32	2	2-9/32	4-1/32	2-7/32	1-31/32	1-5/8	0.247
401-203	1-1/2×1-1/4×1-1/4	1	1	1-1/8	2-1/4	2-5/16	2-3/8	4-9/16	1-31/32	2-7/32	1-31/32	0.290
401-209	1-1/2×1-1/2×1/2	17/32	17/32	1-1/16	1-27/32	1-27/32	1-27/32	3-11/16	2-7/32	2-7/32	1-3/32	0.212
401-210	1-1/2×1-1/2×3/4	21/32	21/32	1-1/16	1-31/32	1-31/32	2-3/32	3-29/32	2-7/32	2-7/32	1-5/16	0.240
401-211	1-1/2×1-1/2×1	13/16	13/16	1-5/32	2-1/8	2-1/8	2-9/32	4-1/4	2-7/32	2-7/32	1-5/8	0.276
401-212	1-1/2×1-1/2×1-1/4	1	1	1-1/16	2-5/16	2-5/16	2-5/16	4-19/32	2-9/32	2-9/32	2	0.348
401-213	1-1/2×1-1/2×2	1-3/8	1-3/8	1-1/8	2-11/16	2-11/16	2-1/2	5-11/32	2-7/32	2-7/32	2-23/32	0.396
401-233	2×1×2	1-3/8	1-3/8	1-11/32	2-25/32	2-1/2	2-3/4	5-9/32	2-23/32	1-5/8	2-23/32	0.456
401-238	2×1-1/2×3/4	21/32	21/32	1-13/32	2-1/32	1-31/32	2-13/32	4	2-23/32	2-7/32	1-5/16	0.278
401-239	2×1-1/2×1	25/32	25/32	1-11/32	2-3/16	2-3/32	2-15/32	4-9/32	2-23/32	2-7/32	1-5/8	0.313
401-241	2×1-1/2×1-1/2	1-1/16	1-1/16	1-3/8	2-7/16	1-1/16	2-11/16	4-13/16	2-23/32	2-7/32	2-7/32	0.373
401-247	2×2×1/2	17/32	17/32	1-5/16	1-29/32	1-29/32	2-3/32	3-27/32	2-23/32	2-23/32	1-3/32	0.282
401-248	2×2×3/4	5/8	5/8	1-5/16	2-1/32	2-1/32	2-5/16	4-1/32	2-23/32	2-23/32	1-5/16	0.311
401-249	2×2×1	25/32	25/32	1-5/16	2-5/32	2-5/32	2-7/16	4-11/32	2-23/32	2-23/32	1-5/8	0.342
401-250	2×2×1-1/4	31/32	31/32	1-9/32	2-3/8	2-3/8	2-9/16	4-3/4	2-23/32	2-23/32	1-31/32	0.392
401-251	2×2×1-1/2	1-1/16	1-1/16	1-9/32	2-7/16	2-7/16	2-19/32	4-29/32	2-23/32	2-23/32	2-7/32	0.401
401-287	2-1/2×2-1/2×1/2	9/16	9/16	1-11/16	2-11/32	2-11/32	2-7/16	4-11/16	3-5/16	3-5/16	1-3/32	0.531
401-288	2-1/2×2-1/2×3/4	21/32	21/32	1-11/16	2-7/16	2-7/16	2-11/16	4-7/8	3-5/16	3-5/16	1-5/16	0.562
401-289	2-1/2×2-1/2×1	13/16	13/16	1-19/32	2-19/32	2-19/32	2-23/32	5-3/16	3-5/16	3-5/16	1-5/8	0.608
401-290	2-1/2×2-1/2×1-1/4	31/32	31/32	1-9/16	2-3/4	2-3/4	2-27/32	5-1/2	3-5/16	3-5/16	1-31/32	0.653
401-291	2-1/2×2-1/2×1-1/2	1-1/8	1-1/8	1-19/32	2-29/32	2-29/32	2-29/32	5-25/32	3-5/16	3-5/16	2-7/32	0.694
401-292	2-1/2×2-1/2×2	1-11/32	1-11/32	1-19/32	3-1/8	3-1/8	2-31/32	6-1/4	3-5/16	3-5/16	2-23/32	0.786
401-333	3×3×1/2	5/8	5/8	1-29/32	2-17/32	2-17/32	2-11/16	5-1/16	3-31/32	3-31/32	1-3/32	0.754
401-334	3×3×3/4	3/4	3/4	1-15/16	2-5/8	2-5/8	2-15/16	5-9/32	3-31/32	3-31/32	1-5/6	0.802
401-335	3×3×1	7/8	7/8	1-15/16	2-25/32	2-25/32	3-1/16	5-9/16	3-31/32	3-31/32	1-5/8	0.847

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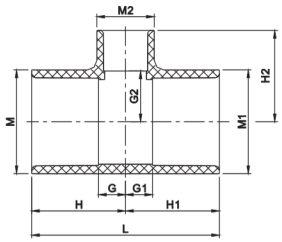
REDUCING TEE
(SOC × SOC× SOC)

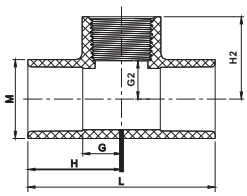


Part Number	Size(in)	G	G1	G2	H	H1	H2	L	M	M1	M2	Weight (Lbs)
401-336	3×3×1-1/4	1-1/16	1-1/16	1-15/16	2-15/16	2-15/16	3-7/32	5-29/32	3-31/32	3-31/32	1-31/32	0.932
401-337	3×3×1-1/2	1-3/16	1-3/16	1-29/32	3-3/32	3-3/32	3-7/32	6-3/16	3-31/32	3-31/32	2-7/32	0.944
401-338	3×3×2	1-11/32	1-11/32	2	3-1/4	3-1/4	3-3/8	6-1/2	3-31/32	3-31/32	2-23/32	1.036
401-339	3×3×2-1/2	1-11/16	1-11/16	2-1/32	3-19/32	3-19/32	3-13/16	7-7/32	3-31/32	3-31/32	3-5/16	1.275
401-416	4×4×3/4	21/32	21/32	2-11/32	2-23/32	2-23/32	3-11/32	5-13/32	5-1/32	5-1/32	1-5/16	1.124
401-417	4×4×1	13/16	13/16	2-3/8	2-27/32	2-27/32	3-1/2	5-23/32	5-1/32	5-1/32	1-5/8	1.168
401-418	4×4×1-1/4	1-1/32	1-1/32	2-13/32	3-1/16	3-1/16	3-11/16	6-1/8	5-1/32	5-1/32	1-31/32	1.279
401-419	4×4×1-1/2	1-5/32	1-5/32	2-13/32	3-1/16	3-1/16	3-23/32	6-3/8	5-1/32	5-1/32	2-7/32	1.349
401-420	4×4×2	1-11/32	1-11/32	2-17/32	3-3/8	3-3/8	3-29/32	6-3/4	5-1/32	5-1/32	2-23/32	1.499
401-422	4×4×3	1-32/32	1-31/32	2-1/2	4	4	4-13/32	8-1/32	5-1/32	5-1/32	3-31/32	1.936
401-486	5×5×2	1-11/32	1-11/32	3-1/16	4-7/16	4-7/16	4-15/32	8-27/32	6-1/8	6-1/8	2-23/32	2.546
401-488	5×5×3	2	2	3-1/16	5-1/16	5-1/16	4-31/32	10-1/8	6-1/8	6-1/8	3-31/32	3.086
401-490	5×5×4	2-17/32	2-17/32	3-1/16	5-19/32	5-19/32	5-1/8	11-3/16	6-1/8	6-1/8	5-1/32	3.510
401-528	6×6×2	1-3/8	1-3/8	3-15/32	4-27/32	4-27/32	4-7/8	9-11/16	7-5/16	7-5/16	2-25/32	3.825
401-530	6×6×3	2	2	3-9/16	5-15/32	5-15/32	5-7/16	10-15/16	7-5/16	7-5/16	4-1/16	4.653
401-532	6×6×4	2-17/32	2-17/32	3-5/8	6	6	5-21/32	12	7-5/16	7-5/16	5-3/32	5.124
401-582	8×8×4	2-17/32	2-17/32	4-21/32	6-9/16	6-9/16	6-11/16	13-1/8	9-3/8	9-3/8	5-3/32	7.780
401-585	8×8×6	3-5/8	3-5/8	4-21/32	7-21/32	7-21/32	7-3/4	15-5/16	9-3/8	9-3/8	7-5/16	9.709
401-624	10×10×4	2-17/32	2-17/32	5-25/32	7-9/16	7-9/16	7-27/32	15-1/8	11-11/16	11-11/16	5-3/32	13.445
401-626	10×10×6	3-5/8	3-5/8	5-13/16	8-21/32	8-21/32	8-7/8	17-5/16	11-11/16	11-11/16	7-5/16	15.997
401-628	10×10×8	4-21/32	4-21/32	5-13/16	9-23/32	9-23/32	9-27/32	19-13/32	11-11/16	11-11/16	9-13/32	18.698
401-664	12×12×4	2-17/32	2-17/32	6-29/32	8-17/32	8-17/32	8-15/16	17-3/32	13-7/8	13-7/8	5-3/32	20.741
401-666	12×12×6	3-5/8	3-5/8	6-7/8	9-21/32	9-21/32	9-31/32	19-9/32	13-7/8	13-7/8	7-5/16	23.821
401-668	12×12×8	4-21/32	4-21/32	6-7/8	10-11/16	10-11/16	10-15/16	21-3/8	13-7/8	13-7/8	9-13/32	27.104
401-670	12×12×10	5-13/16	5-13/16	6-7/8	11-27/32	11-27/32	11-15/16	23-21/32	13-7/8	13-7/8	11-11/16	31.526

NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

PVC SCH40 Fittings

TEE (SOC × SOC × FIPT)



Part Number	Size(in)	G	G2	H	H2	L	M	Weight (Lbs)
402-005	1/2	15/32	17/32	1-1/4	1-1/4	2-1/2	1-3/32	0.066
402-007	3/4	5/8	5/8	1-5/8	1-3/8	3-9/32	1-3/8	0.106
402-010	1	13/16	25/32	1-15/16	1-11/16	3-27/32	1-5/8	0.187
402-012	1-1/4	29/32	1-5/32	2-3/16	2-5/32	4-11/32	1-31/32	0.273
402-015	1-1/2	1-1/32	1-1/4	2-11/32	2-1/4	4-21/32	2-7/32	0.340
402-020	2	1-5/16	1-15/32	2-11/16	2-1/2	5-13/32	2-23/32	0.503
402-025	2-1/2	1-1/2	1-19/32	3-9/32	2-31/32	6-9/16	3-5/16	0.961
402-030	3	1-3/4	1-7/8	3-21/32	3-3/8	7-5/16	3-31/32	1.395
402-040	4	2-9/32	2-3/8	4-11/32	3-15/16	8-21/32	5-3/32	2.456

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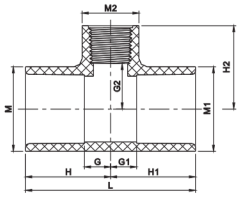
REDUCING TEE
(SOC × SOC× FIPT)



Part Number	Size(in)	G	G1	G2	H	H1	H2	L	M	M1	M2	Weight (Lbs)
402-071	1/2×1/2×1/8	5/16	5/16	17/32	1-3/32	1-3/32	1-1/32	2-5/32	1-3/32	1-3/32	5/8	0.049
402-072	1/2×1/2×1/4	3/8	3/8	9/16	1-5/32	1-5/32	1-1/8	2-9/32	1-3/32	1-3/32	13/16	0.055
402-074	1/2×1/2×3/4	21/32	21/32	9/16	1-7/16	1-7/16	1-5/16	2-7/8	1-3/32	1-3/32	1-5/16	0.085
402-094	3/4×1/2×1/2	½	9/16	11/16	1-1/2	1-11/32	1-13/32	2-27/32	1-5/16	1-3/32	1-3/32	0.088
402-095	3/4×1/2×3/4	21/32	25/32	21/32	1-11/16	1-9/16	1-13/32	3-7/32	1-5/16	1-3/32	1-5/16	0.107
402-101	3/4×3/4×1/2	17/32	17/32	11/16	1-17/32	1-17/32	1-13/32	3-1/16	1-5/16	1-5/16	1-3/32	0.097
402-124	1×3/4×1/2	17/32	17/32	13/16	1-21/32	1-17/32	1-17/32	3-3/16	1-5/8	1-5/16	1-3/32	0.119
402-125	1×3/4×3/4	9/16	11/16	13/16	1-11/16	1-11/16	1-9/16	3-3/8	1-5/8	1-5/16	1-5/16	0.132
402-130	1×1×1/2	1/2	1/2	7/8	1-5/8	1-5/8	1-19/32	3-1/4	1-5/8	1-5/8	1-3/32	0.137
402-131	1×1×3/4	21/32	21/32	13/16	1-25/32	1-25/32	1-9/16	3-9/16	1-5/8	1-5/8	1-5/16	0.157
402-156	1-1/4×1×1/2	19/32	19/32	1	1-7/8	1-23/32	1-23/32	3-19/32	1-31/32	1-5/8	1-3/32	0.172
402-157	1-1/4×1×3/4	13/16	3/4	1-1/32	2-3/32	1-7/8	1-25/32	3-31/32	1-31/32	1-5/8	1-5/16	0.192
402-158	1-1/4×1×1	13/16	13/16	1	2-3/32	1-15/16	1-29/32	4-1/32	1-31/32	1-5/8	1-5/8	0.216
402-166	1-1/4×1-1/4×1/2	7/16	7/16	1-1/16	1-23/32	1-23/32	1-25/32	3-13/32	1-31/32	1-31/32	1-3/32	0.179
402-167	1-1/4×1-1/4×3/4	19/32	19/32	1-1/16	1-7/8	1-7/8	1-13/16	3-23/32	1-31/32	1-31/32	1-5/16	0.205
402-168	1-1/4×1-1/4×1	21/32	21/32	1-1/16	1-15/16	1-15/16	1-31/32	3-27/32	1-31/32	1-31/32	1-5/8	0.231
402-199	1-1/2×1-1/4×½	19/32	19/32	1-1/8	1-29/32	1-7/8	1-27/32	3-25/32	2-7/32	1-31/32	1-3/32	0.212
402-201	1-1/2×1-1/4×3/4	11/16	5/8	1-5/32	2	1-29/32	1-29/32	3-29/32	2-7/32	1-31/32	1-5/16	0.225
402-202	1-1/2×1-1/4×1	7/8	7/8	1-5/32	2-3/16	2-5/32	2-1/16	4-11/32	2-7/32	1-31/32	1-5/8	0.271
402-209	1-1/2×1-1/2×1/2	7/16	7/16	1-3/16	1-3/4	1-3/4	1-29/32	3-1/2	2-7/32	2-7/32	1-3/32	0.207
402-210	1-1/2×1-1/2×3/4	21/32	21/32	1-5/32	1-31/32	1-31/32	1-7/8	3-15/16	2-7/32	2-7/32	1-5/16	0.234
402-211	1-1/2×1-1/2×1	11/16	11/16	1-3/16	2	2	2-3/32	4	2-7/32	2-7/32	1-5/8	0.260
402-212	1-1/2×1-1/2×1-1/4	1	1	1-5/32	2-5/16	2-5/16	2-5/32	4-5/8	2-7/32	2-7/32	1-31/32	0.324
402-239	2×1-1/2×1	27/32	27/32	1-3/8	2-1/4	2-5/32	2-9/32	4-13/32	2-23/32	2-7/32	1-5/8	0.337
402-247	2×2×1/2	21/32	21/32	1-13/32	2-1/16	2-1/16	2-1/8	4-3/32	2-23/32	2-23/32	1-3/32	0.302
402-248	2×2×3/4	21/32	21/32	1-3/8	2-1/16	2-1/16	2-1/8	4-3/32	2-23/32	2-23/32	1-5/16	0.309
402-249	2×2×1	13/16	13/16	1-31/32	2-3/16	2-3/16	2-5/16	4-13/32	2-23/32	2-23/32	1-5/8	0.357

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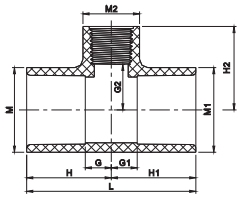
PVC SCH40 Fittings

REDUCING TEE
(SOC × SOC× FIPT)



Part Number	Size(in)	G	G1	G2	H	H1	H2	L	M	M1	M2	Weight (Lbs)
402-250	2×2×1-1/4	1	1	1-3/8	2-3/8	2-3/8	2-3/8	4-25/32	2-23/32	2-23/32	1-31/32	0.414
402-251	2×2×1-1/2	1-1/16	1-1/16	1-3/8	2-7/16	2-7/16	2-3/8	4-29/32	2-23/32	2-23/32	2-7/32	0.437
402-287	2-1/2×2-1/2×1/2	1/2	1/2	1-11/16	2-9/32	2-9/32	2-13/32	4-9/16	3-5/16	3-5/16	1-3/32	0.520
402-288	2-1/2×2-1/2×3/4	13/16	13/16	1-11/16	2-19/32	2-19/32	2-7/16	5-3/16	3-5/16	3-5/16	1-5/16	0.595
402-289	2-1/2×2-1/2×1	1	1	1-23/32	2-25/32	2-25/32	2-5/8	5-9/16	3-5/16	3-5/16	1-5/8	0.664
402-290	2-1/2×2-1/2×1-1/4	1-1/32	1-1/32	1-25/32	2-13/16	2-13/16	2-25/32	5-5/8	3-5/16	3-5/16	1-31/32	0.699
402-291	2-1/2×2-1/2×1-1/2	1-1/16	1-1/16	1-25/32	2-27/32	2-27/32	2-25/32	5-11/16	3-5/16	3-5/16	2-7/32	0.705
402-292	2-1/2×2-1/2×2	1-1/2	1-1/2	1-27/32	3-9/32	3-9/32	2-7/8	6-9/16	3-5/16	3-5/16	2-23/32	0.873
402-333	3×3×1/2	19/32	19/32	2-1/16	2-1/2	2-1/2	2-25/32	5	3-31/32	3-31/32	1-3/32	0.763
402-334	3×3×3/4	13/16	13/16	2-1/32	2-23/32	2-23/32	2-25/32	5-7/16	3-31/32	3-31/32	1-5/16	0.841
402-335	3×3×1	31/32	31/32	2-1/32	2-7/8	2-7/8	2-15/16	5-3/4	3-31/32	3-31/32	1-5/8	0.899
402-336	3×3×1-1/4	1	1	2-1/32	2-29/32	2-29/32	3-1/32	5-13/16	3-31/32	3-31/32	1-31/32	0.922
402-337	3×3×1-1/2	1-7/32	1-7/32	2-1/8	3-1/8	3-1/8	3-1/8	6-1/4	3-31/32	3-31/32	2-7/32	1.034
402-338	3×3×2	1-1/2	1-1/2	2-1/8	3-13/32	3-13/32	3-5/32	6-13/16	4-1/32	4-1/32	2-25/32	1.138
402-416	4×4×3/4	11/16	11/16	2-9/16	2-23/32	2-23/32	3-5/16	5-7/16	5-1/32	5-1/32	1-5/16	1.157
402-417	4×4×1	27/32	27/32	2-5/8	2-7/8	2-7/8	3-17/32	5-25/32	5-1/32	5-1/32	1-5/8	1.226
402-418	4×4×1-1/4	1	1	2-17/32	3-1/16	3-1/16	3-17/32	6-3/32	5-1/32	5-1/32	1-31/32	1.345
402-419	4×4×1-1/2	1-1/8	1-1/8	2-1/2	3-5/32	3-5/32	3-1/2	6-11/32	5-1/32	5-1/32	2-7/32	1.401
402-420	4×4×2	1-3/8	1-3/8	2-3/4	3-13/32	3-13/32	3-25/32	6-13/16	5-1/32	5-1/32	2-23/32	1.554
402-422	4×4×3	2	2	2-17/32	4-1/32	4-1/32	4-1/32	8-3/32	5-1/32	5-1/32	3-31/32	1.958
402-490	5×5×4	2-17/32	2-17/32	3-1/16	5-19/32	5-19/32	4-21/32	11-3/16	6-1/8	6-1/8	5-1/32	3.574
402-525	6×6×1	1-3/8	1-3/8	3-5/8	4-27/32	4-27/32	4-17/32	9-11/16	7-5/16	7-5/16	1-25/32	4.045
402-528	6×6×2	1-3/8	1-3/8	3-5/8	4-27/32	4-27/32	4-21/32	9-11/16	7-5/16	7-5/16	2-7/8	3.985
402-530	6×6×3	1-31/32	1-31/32	3-21/32	5-7/16	5-7/16	5-5/32	10-7/8	7-5/16	7-5/16	4-1/16	4.636
402-532	6×6×4	2-1/2	2-1/2	3-21/32	5-31/32	5-31/32	5-1/4	11-15/16	7-5/16	7-5/16	5-3/32	5.221

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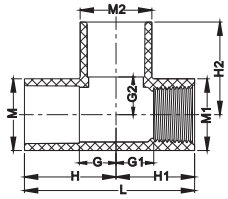
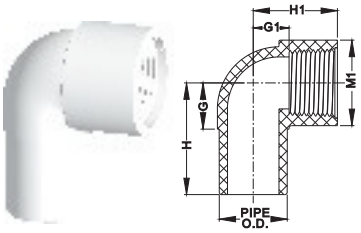
PVC SCH40 Fittings

TEE (SOC × FIPT × SOC)



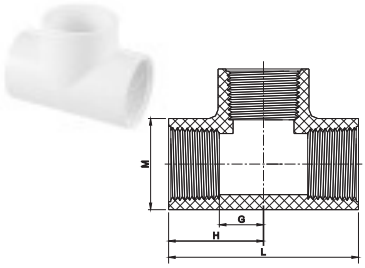
Part Number	Size(in)	G	G1	G2	H	H1	H2	L	M	M1	M2	Weight (Lbs)
403-005	1/2	9/16	5/8	9/16	1-11/32	1-11/32	1-11/32	2-11/16	1-3/32	1-3/32	1-3/32	0.074
403-007	3/4	21/32	11/16	11/16	1-11/16	1-7/16	1-11/16	3-1/8	1-5/16	1-5/16	1-5/16	0.111

90° STREET ELL (SPIG × FIPT)



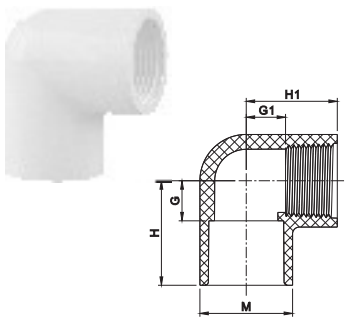
Part Number	Size (in)	G	G1	H	H1	M1	Weight (Lbs)
404-005	1/2	19/32	7/16	1-11/32	1-5/32	1-3/32	0.047
404-007	3/4	23/32	9/16	1-23/32	1-5/16	1-5/16	0.071

TEE (FIPT × FIPT× FIPT)



Part Number	Size (in)	G	H	L	M	Weight (Lbs)
405-005	1/2	17/32	1-1/4	2-1/2	1-3/32	0.082
405-007	3/4	5/8	1-3/8	2-3/4	1-5/16	0.112
405-010	1	25/32	1-11/16	3-3/8	1-5/8	0.205
405-012	1-1/4	31/32	1-31/32	3-15/16	1-31/32	0.304
405-015	1-1/2	1-3/32	2-3/32	4-7/32	2-7/32	0.381
405-020	2	1-11/32	2-3/8	4-23/32	2-23/32	0.547

90°ELL (SOC × FIPT)



Part Number	Size(in)	G	G1	H	H1	M	Weight (Lbs)
407-005	1/2	1/2	9/16	1-1/4	1-5/16	1-3/32	0.057
407-007	3/4	9/16	9/16	1-9/16	1-5/16	1-5/16	0.086
407-010	1	11/16	11/16	1-27/32	1-19/32	1-5/8	0.152
407-012	1-1/4	15/16	1-1/4	2-7/32	2-1/4	1-31/32	0.250
407-015	1-1/2	1-1/32	1-1/4	2-11/32	2-1/4	2-7/32	0.291
407-020	2	1-5/16	1-15/32	2-11/16	2-1/2	2-23/32	0.434
407-025	2-1/2	1-11/16	1-21/32	3-15/32	3-1/32	3-5/16	0.882
407-030	3	1-7/8	2-1/16	3-25/32	3-17/32	3-31/32	1.272
407-040	4	2-11/32	2-9/16	4-3/8	4-1/8	5-1/32	2.156

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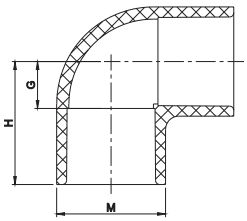
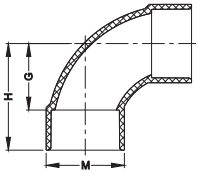
PVC SCH40 Fittings

90°ELL (SOC × SOC)



Part Number	Size (in)	G	H	M	Weight (Lbs)
406-003	3/8	7/16	1-3/16	7/8	0.029
406-005	1/2	7/16	1-7/32	1-3/32	0.042
406-007	3/4	9/16	1-9/16	1-5/16	0.077
406-010	1	11/16	1-13/16	1-5/8	0.128
406-012	1-1/4	7/8	2-5/32	1-31/32	0.181
406-015	1-1/2	1-1/32	2-11/32	2-7/32	0.243
406-020	2	1-1/4	2-5/8	2-23/32	0.346
406-025	2-1/2	1-17/32	3-5/16	3-5/16	0.690
406-030	3	1-27/32	3-3/4	3-31/32	1.038
406-040	4	2-11/32	4-13/32	5-1/32	1.687
406-050	5	3-1/16	6-5/32	6-1/8	3.285
406-060	6	3-15/32	6-15/16	7-1/4	4.579
406-080	8	4-21/32	8-11/16	9-11/32	8.655
406-100	10	5-13/16	10-7/8	11-5/8	15.915
406-120	12	6-15/16	12-31/32	13-25/32	26.217

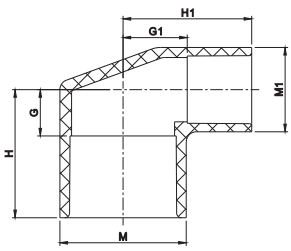
90° SWEEP ELL (SOC × SOC)



Part Number	Size (in)	G	H	M	Weight (Lbs)
406-015S	1-1/2	23/32	3-1/32	2-7/32	0.287
406-020S	2	2-5/16	3-11/16	2-23/32	0.457

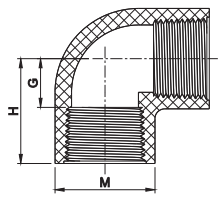
PVC SCH40 Fittings

90°REDUCING ELL (SOC × SOC)



Part Number	Size (in)	G	G1	H	H1	M	M1	Weight (Lbs)
406-053	3/8×1/2	7/16	9/16	1-7/32	1-5/16	1-3/32	7/8	0.049
406-101	3/4×1/2	½	19/32	1-1/2	1-3/8	1-5/16	1-3/32	0.064
406-130	1×1/2	17/32	13/16	1-21/32	1-9/16	1-5/8	1-3/32	0.115
406-131	1×3/4	5/8	3/4	1-3/4	1-3/4	1-5/8	1-5/16	0.119
406-166	1-1/4×1/2	9/16	1	1-27/32	1-25/32	1-31/32	1-3/32	0.128
406-167	1-1/4×3/4	23/32	1	2	2	1-31/32	1-5/16	0.148
406-168	1-1/4×1	25/32	29/32	2-1/16	2-1/16	1-31/32	1-5/8	0.163
406-209	1-1/2×1/2	17/32	1-1/8	1-27/32	1-7/8	2-7/32	1-3/32	0.152
406-211	1-1/2×1	27/32	1-5/32	2-5/32	2-9/32	2-7/32	1-5/8	0.258
406-212	1-1/2×1-1/4	1	1-3/32	2-5/16	2-3/8	2-7/32	1-31/32	0.240
406-249	2×1	27/32	1-3/8	2-7/32	2-1/2	2-23/32	1-5/8	0.267
406-250	2×1-1/4	1-1/32	1-7/16	2-13/32	2-23/32	2-23/32	1-31/32	0.302
406-251	2×1-1/2	1-3/32	1-5/16	2-15/32	2-5/8	2-23/32	2-7/32	0.315
406-292	2-1/2×2	1-3/8	1-11/16	3-5/32	3-1/16	3-5/16	2-23/32	0.573

90°ELL (FIPT × FIPT)

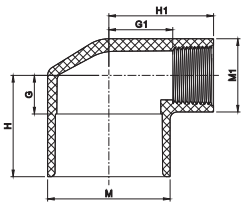


Part Number	Size (in)	G	H	M	Weight (Lbs)
408-005	1/2	17/32	1-1/4	1-3/32	0.062
408-007	3/4	5/8	1-3/8	1-5/16	0.086
408-010	1	25/32	1-11/16	1-5/8	0.154
408-012	1-1/4	31/32	1-31/32	1-31/32	0.227
408-015	1-1/2	1-3/32	2-3/32	2-7/32	0.299
408-020	2	1-11/32	2-3/8	2-23/32	0.425

NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

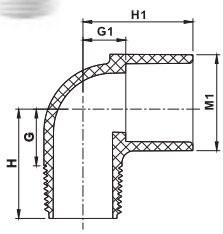
PVC SCH40 Fittings

90°REDUCING ELL (SOC × FIPT)



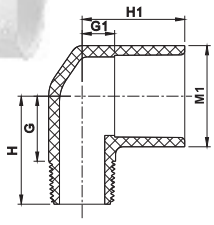
Part Number	Size (in)	G	G1	H	H1	M	M1	Weight (Lbs)
407-053	3/8×1/2	17/32	7/16	1-9/32	1-5/32	7/8	1-3/32	0.049
407-074	1/2×3/4	17/32	21/32	1-17/32	1-3/8	1-5/16	1-3/32	0.075
407-101	3/4×1/2	21/32	9/16	1-7/16	1-5/16	1-3/32	1-5/16	0.075
407-130	1×1/2	17/32	13/16	1-11/16	1-17/32	1-5/8	1-3/32	0.104
407-131	1×3/4	11/16	7/8	1-13/16	1-5/8	1-5/8	1-5/16	0.123
407-168	1-1/4×1	27/32	1-1/32	2-1/8	1-15/16	1-31/32	1-5/8	0.190
407-211	1-1/2×1	25/32	1-5/32	2-3/32	2-1/16	2-7/32	1-5/8	0.214
407-212	1-1/2×1-1/4	15/16	1-1/8	2-1/4	2-1/8	2-7/32	1-31/32	0.259
407-249	2×1	27/32	1-13/32	2-1/4	2-5/16	2-23/32	1-5/8	0.294
407-250	2×1-1/4	31/32	1-3/8	2-3/8	2-3/8	2-23/32	1-31/32	0.313
407-251	2×1-1/2	1-3/32	1-15/32	2-15/32	2-15/32	2-23/32	2-7/32	0.374

90°STREET ELL (MIPT × SOC)



Part Number	Size (in)	G	G1	H	H1	M1	Weight (Lbs)
410-005	1/2	13/32	11/16	1-3/16	1-3/8	1-1/16	0.035
410-007	3/4	15/32	27/32	1-15/32	1-17/32	1-9/32	0.068
410-010	1	23/32	1-1/16	1-27/32	1-15/16	1-5/8	0.110
410-012	1-1/4	23/32	1-3/16	2	2-7/32	1-31/32	0.179
410-015	1-1/2	1	1-11/32	2-5/16	2-13/32	2-7/32	0.249
410-020	2	1-9/32	1-9/16	2-21/32	2-17/32	2-23/32	0.379

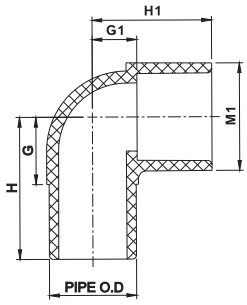
90° REDUCING STREET ELL (MIPT × SOC)



Part Number	Size (in)	G	G1	H	H1	M1	Weight (Lbs)
410-101	3/4×1/2	17/32	23/32	1-5/16	1-13/32	1-3/32	0.055
410-102	3/4×1	17/32	1-1/32	1-21/32	1-23/32	1-5/8	0.099

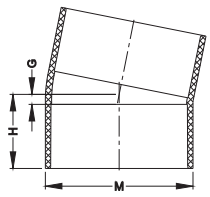
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

90° STREET ELL (SPIG × SOC)



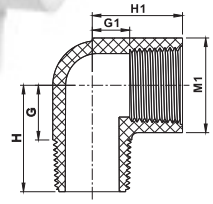
Part Number	Size (in)	G	G1	H	H1	M1	Weight (Lbs)
409-005	1/2	13/32	21/32	1-5/32	1-7/16	1-3/32	0.040
409-007	3/4	17/32	27/32	1-17/32	1-27/32	1-5/16	0.073
409-010	1	11/16	1-1/32	1-13/16	2-5/32	1-5/8	0.139
409-012	1-1/4	27/32	1-3/16	2-1/8	2-15/32	2	0.181
409-015	1-1/2	1-1/16	1-9/32	2-3/8	2-19/32	2-7/32	0.267
409-020	2	1-7/32	1-19/32	2-19/32	3	2-23/32	0.359
409-025	2-1/2	1-17/32	1-31/32	3-5/16	3-3/4	3-5/16	0.708
409-030	3	1-27/32	2-5/16	3-3/4	4-7/32	3-31/32	1.067
409-040	4	2-3/8	2-7/8	4-13/32	4-29/32	5-1/32	1.806
409-060	6	3-15/32	4	6-15/16	7-15/32	7-1/4	4.658
409-100	10	6-3/16	5-1/2	11-1/4	10-9/16	11-5/8	15.525
409-120	12	7-7/32	6-1/2	13-7/32	12-17/32	13-25/32	24.815

11-1/4°ELL (SOC × SOC)



Part Number	Size (in)	G	H	M	Weight (Lbs)
411-100	10	25/32	5-13/16	11-5/8	9.151
411-120	12	7/8	6-7/8	13-25/32	15.282

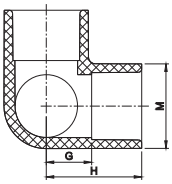
90° STREET ELL (MIPT × FIPT)



Part Number	Size (in)	G	G1	H	H1	M1	Weight (Lbs)
412-005	1/2	11/32	11/16	1-1/16	1-3/8	1-3/32	0.049
412-007	3/4	½	25/32	1-1/4	1-15/32	1-5/16	0.068
412-010	1	21/32	15/16	1-9/16	1-13/16	1-5/8	0.128
412-012	1-1/4	27/32	1-3/16	1-27/32	2-7/32	1-31/32	0.217
412-015	1-1/2	1-1/16	1-9/32	2-1/16	2-5/16	2-7/32	0.285
412-020	2	1-1/4	1-5/8	2-9/32	2-23/32	2-23/32	0.461

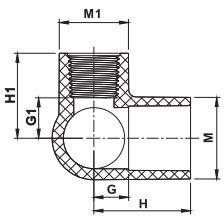
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

SIDE OUTLET ELL (SOC × SOC × SOC)



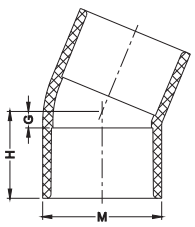
Part Number	Size (in)	G	H	M	Weight (Lbs)
413-005	1/2	15/32	1-1/4	1-5/32	0.084
413-007	3/4	19/32	1-19/32	1-5/16	0.110
413-010	1	29/32	1-7/8	1-21/32	0.194
413-015	1-1/2	1-1/8	2-7/16	2-1/4	0.331
413-020	2	1-3/8	2-13/16	2-11/16	0.494

SIDE OUTLET ELL (SOC × SOC × FIPT)



Part Number	Size (in)	G	G1	H	H1	M	M1	Weight (Lbs)
414-005	1/2	1/2	1/2	1-9/32	1-7/32	1-1/8	1-1/8	0.079
414-007	3/4	21/32	21/32	1-21/32	1-13/32	1-5/16	1-5/16	0.110
414-010	1	27/32	13/16	1-31/32	1-23/32	1-5/8	1-5/8	0.194
414-101	3/4×3/4×1/2	27/32	13/16	1-31/32	1-17/32	1-5/8	1-3/32	0.174
414-130	1×1×1/2	9/16	21/32	1-9/16	1-3/8	1-5/16	1-1/8	0.079

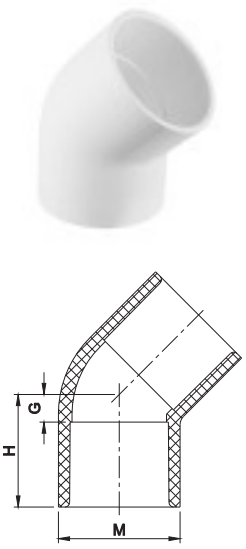
22-1/2°ELL (SOC × SOC)



Part Number	Size (in)	G	H	M	Weight (Lbs)
416-015	1-1/2	5/16	1-5/8	2-7/32	0.175
416-020	2	3/8	1-3/4	2-23/32	0.251
416-025	2-1/2	7/16	2-7/32	3-5/16	0.501
416-030	3	17/32	2-7/16	3-31/32	0.722
416-040	4	21/32	2-11/16	5-1/32	1.121
416-060	6	7/8	4-11/32	7-1/4	3.062
416-100	10	1-5/16	6-11/32	11-5/8	10.037
416-120	12	1-17/32	7-9/16	13-25/32	16.828

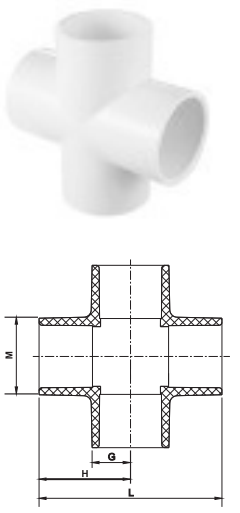
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

45°ELL (SOC × SOC)



Part Number	Size (in)	G	H	M	Weight (Lbs)
417-005	1/2	1/4	1	1-3/32	0.037
417-007	3/4	11/32	1-11/32	1-5/16	0.073
417-010	1	3/8	1-1/2	1-5/8	0.115
417-012	1-1/4	3/8	1-21/32	1-31/32	0.152
417-015	1-1/2	1/2	1-13/16	2-7/32	0.196
417-020	2	5/8	2	2-23/32	0.289
417-025	2-1/2	23/32	2-1/2	3-11/32	0.542
417-030	3	27/32	2-3/4	3-31/32	0.800
417-040	4	1-1/8	3-5/32	5-1/32	1.314
417-050	5	1-3/8	4-7/16	6-1/8	2.492
417-060	6	1-13/16	5-9/32	7-5/16	4.114
417-080	8	2	6-1/32	9-11/32	6.437
417-100	10	2-9/16	7-19/32	11-5/8	12.067
417-120	12	3-1/16	9-3/32	13-25/32	20.132

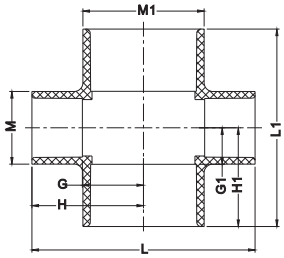
CROSS
(SOC × SOC × SOC × SOC)



Part Number	Size (in)	G	H	L	M	Weight (Lbs)
420-005	1/2	17/32	1-9/32	2-19/32	1-1/8	0.088
420-007	3/4	21/32	1-21/32	3-5/16	1-5/16	0.148
420-010	1	13/16	1-15/16	3-7/8	1-5/8	0.254
420-012	1-1/4	1-3/32	2-3/8	4-23/32	1-31/32	0.364
420-015	1-1/2	1-1/4	2-9/16	5-5/32	2-1/4	0.474
420-020	2	1-9/16	2-15/16	5-7/8	2-23/32	0.683
420-025	2-1/2	1-21/32	3-7/16	6-7/8	3-13/32	1.287
420-030	3	2-1/32	3-15/16	7-7/8	4-1/16	1.942
420-040	4	2-3/8	4-13/32	8-13/16	5-3/16	3.192
420-060	6	3-1/2	6-31/32	13-31/32	7-13/32	8.256

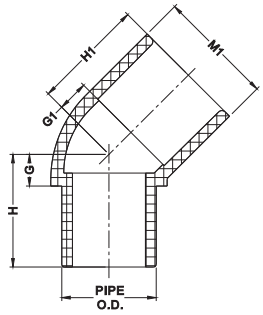
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

REDUCING CROSS
(SOC × SOC × SOC× SOC)



Part Number	Size(in)	G	G1	H	H1	L	L1	M	M1	Weight (Lbs)
420-101	3/4×3/4×1/2×1/2	11/16	19/32	1-15/32	1-19/32	2-29/32	3-3/16	1-3/32	1-5/16	0.115
420-249	2×2×1×1	1-3/8	13/16	2-1/2	2-7/32	5	4-13/32	1-5/8	2-23/32	0.390
420-251	2×2×1-1/2×1-1/2	1-13/32	1-5/32	2-23/32	2-17/32	5-7/16	5-3/32	2-5/16	2-25/32	0.591
420-335	3×3×1×1	2	27/32	6-9/32	5-15/32	3-31/32	1-5/8	3-5/32	2-23/32	0.881
420-337	3×3×1-1/2×1-1/2	2	1-3/32	6-21/32	6-1/16	3-31/32	2-7/32	3-5/16	3-31/32	1.009
420-338	3×3×2×2	2	1-3/8	6-13/16	6-9/16	3-31/32	2-23/32	3-13/32	3-9/32	1.120
420-419	4×4×1-1/2×1-1/2	2-9/16	1-5/32	7-3/4	6-13/32	5-1/32	2-7/32	3-7/8	3-7/32	1.455
420-420	4×4×2×2	2-9/16	1-3/8	3-15/16	3-13/32	7-7/8	6-13/16	6-13/16	7-7/8	1.858
420-422	4×4×3×3	2-17/32	2-1/32	4-7/16	4-1/16	8-27/32	8-1/8	4-1/16	5-3/32	2.438
420-528	6×6×2×2	3-21/32	1-13/32	5-1/16	4-7/8	10-1/8	9-3/4	2-7/8	7-5/16	4.070
420-532	6×6×4×4	3-21/32	2-9/16	5-23/32	6-1/32	11-13/32	12-1/16	5-3/32	7-5/16	5.528

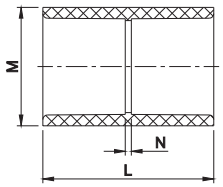
45° STREET ELL
(SPIG × SOC)



Part Number	Size (in)	G	H	M1	G1	H1	Weight (Lbs)
427-005	1/2	5/16	1-3/32	1-3/32	5/16	1-3/32	0.041
427-007	3/4	3/8	1-3/8	1-5/16	11/32	1-3/8	0.066
427-010	1	7/16	1-9/16	1-5/8	7/16	1-9/16	0.111
427-012	1-1/4	½	1-25/32	1-31/32	5/8	1-7/8	0.164
427-015	1-1/2	9/16	1-7/8	2-7/32	9/16	1-27/32	0.199
427-020	2	11/16	2-1/16	2-23/32	3/4	2-1/8	0.299
427-025	2-1/2	7/8	2-21/32	3-5/16	7/8	2-21/32	0.590
427-030	3	1	2-29/32	3-31/32	31/32	2-29/32	0.857
427-040	4	1-7/32	3-9/32	5-1/32	1-7/32	3-9/32	1.401
427-060	6	1-25/32	4-27/32	7-1/4	1-25/32	4-27/32	3.486
427-080	8	2-3/16	6-7/32	9-11/32	2-3/16	6-7/32	6.679
427-100	10	2-11/16	7-23/32	11-5/8	2-11/16	7-3/4	12.060
427-120	12	3-1/16	9-3/32	13-25/32	3-1/16	8-3/32	19.190

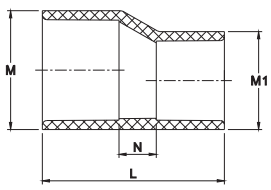
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

COUPLING (SOC × SOC)



Part Number	Size (in)	N	L	M	Weight (Lbs)
429-003	3/8	1-5/8	7/8	1/8	0.020
429-005	1/2	3/32	1-5/8	1-3/32	0.031
429-007	3/4	3/32	2-3/32	1-5/16	0.051
429-010	1	3/32	2-11/32	1-5/8	0.079
429-012	1-1/4	3/32	2-5/8	1-31/32	0.117
429-015	1-1/2	1/8	2-3/4	2-7/32	0.146
429-020	2	1/8	2-29/32	2-23/32	0.198
429-025	2-1/2	3/16	3-3/4	3-5/16	0.397
429-030	3	7/32	4-1/32	3-31/32	0.573
429-040	4	1/4	4-5/16	5-1/32	0.822
429-050	5	3/16	6-11/32	6-1/8	1.698
429-060	6	1/4	7-3/16	7-1/4	2.359
429-080	8	9/32	8-11/32	9-11/32	4.235
429-100	10	9/32	10-11/32	11-5/8	8.008
429-120	12	9/32	12-5/6	13-25/32	13.573

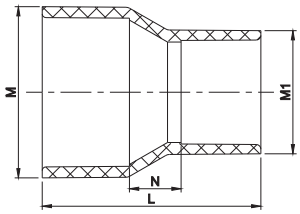
ECCENTRIC REDUCER COUPLING (SOC × SOC)



Part Number	Size (in)	N	L	M	M1	Weight (Lbs)
429-168E	1-1/4×1	5/8	3-1/32	1-31/32	1-5/8	0.126
429-212E	1-1/2×1-1/4	13/32	3	2-7/32	1-31/32	0.148
429-251E	2×1-1/2	27/32	3-17/32	2-23/32	2-7/32	0.225
429-292E	2-1/2×2	15/16	4-1/8	3-5/16	2-23/32	0.395
429-338E	3×2	4-1/4	7-17/32	3-31/32	2-23/32	0.930
429-420E	4×2	4-1/4	7-11/16	5-1/32	2-23/32	1.248
429-421E	4×2-1/2	2-27/32	6-11/16	5-1/32	3-5/16	1.231
429-422E	4×3	3-15/16	7-7/8	5-1/32	3-31/32	1.497
429-528E	6×2	7-17/32	12-13/32	7-1/4	2-23/32	3.430
429-530E	6×3	5-1/2	10-7/8	7-1/4	3-31/32	3.305
429-532E	6×4	7-23/32	13-7/32	7-1/4	5-1/32	4.129

NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

REDUCING COUPLING (SOC × SOC)



Part Number	Size (in)	N	L	M	M1	Weight (Lbs)
429-101	3/4×1/2	1/8	1-29/32	1-5/16	1-3/32	0.042
429-130	1×1/2	3/8	2-1/4	1-5/8	1-3/32	0.066
429-131	1×3/4	5/32	2-9/32	1-5/8	1-5/16	0.071
429-166	1-1/4×1/2	9/16	2-19/32	2	1-3/32	0.093
429-167	1-1/4×3/4	7/16	2-23/32	1-31/32	1-5/16	0.095
429-168	1-1/4×1	11/32	2-3/4	1-31/32	1-5/8	0.110
429-209	1-1/2×1/2	11/16	2-3/4	2-7/32	1-3/32	0.119
429-210	1-1/2×3/4	19/32	2-29/32	2-7/32	1-5/16	0.126
429-211	1-1/2×1	21/32	3-3/32	2-7/32	1-5/8	0.139
429-212	1-1/2×1-1/4	3/8	2-15/16	2-1/4	1-31/32	0.143
429-247	2×1/2	1-7/16	3-19/32	2-23/32	1-3/32	0.179
429-248	2×3/4	1-9/32	3-21/32	2-23/32	1-5/16	0.183
429-249	2×1	1-5/32	3-21/32	2-23/32	1-5/8	0.196
429-250	2×1-1/4	13/16	3-15/32	2-3/4	1-31/32	0.196
429-251	2×1-1/2	9/16	3-9/32	2-3/4	2-7/32	0.196
429-291	2-1/2×1-1/2	3/4	3-27/32	3-11/32	2-7/32	0.333
429-292	2-1/2×2	23/32	3-29/32	3-11/32	2-23/32	0.366
429-338	3×2	23/32	4	4	2-23/32	0.456
429-340	3×2-1/2	7/16	4-1/8	4	3-5/16	0.520
429-420	4×2	1-3/16	4-5/8	5-1/16	2-23/32	0.747
429-421	4×2-1/2	31/32	4-13/16	5-1/32	3-5/16	0.816
429-422	4×3	4-5/8	4-5/8	5-1/16	3-31/32	0.802
429-528	6×2	2-11/32	7-7/32	7-1/4	2-23/32	2.134
429-530	6×3	1-25/32	7-5/32	7-1/4	3-31/32	2.180
429-532	6×4	1-13/32	6-29/32	7-1/4	5-1/32	2.094
429-582	8×4	8-7/16	9-11/32	5-1/32	2-11/32	3.840
429-585	8×6	8-7/16	9-11/32	7-1/4	1-5/6	3.945
429-626	10×6	10-3/8	11-5/8	7-1/4	2-1/4	6.997
429-628	10×8	10-7/16	11-5/8	9-11/32	1-3/8	7.256
429-668	12×8	12-5/16	13-25/32	9-11/32	2-1/4	11.273
429-670	12×10	12-11/32	13-25/32	11-5/8	1-9/32	12.143

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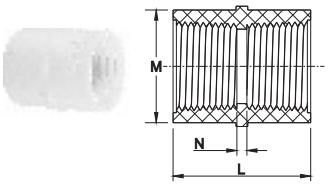
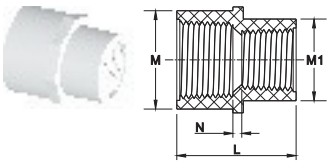
FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

COUPLING (FIPT × FIPT)



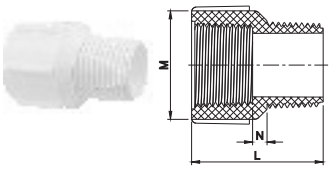
Part Number	Size (in)	N	L	M	Weight (Lbs)
430-005	1/2	1/8	1-9/16	1-3/32	0.037
430-007	3/4	1/8	1-5/8	1-5/16	0.051
430-010	1	1/8	1-15/16	1-5/8	0.088
430-012	1-1/4	1/8	2-1/8	1-31/32	0.123
430-020	2	2-5/16	2-23/32	1/4	0.215

REDUCING COUPLING (FIPT × FIPT)



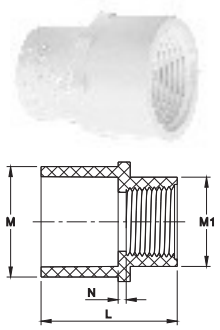
Part Number	Size (in)	N	L	M	M1	Weight (Lbs)
430-101	3/4×1/2	1/8	1-19/32	1-5/16	1-3/32	0.046
430-131	1×3/4	1-7/8	1-5/8	1-5/16	7/32	0.081

RISER EXTENSION (FIPT × MIPT)



Part Number	Size (in)	N	L	M	Weight (Lbs)
434-005	1/2	5/32	1-9/16	1-3/32	0.029
434-007	3/4	3/16	1-5/8	1-5/16	0.042

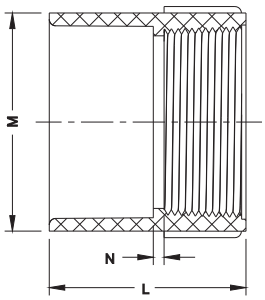
REDUCING FEMALE ADAPTER(SOC × FIPT)



Part Number	Size (in)	N	L	M	M1	Weight (Lbs)
435-072	1/2×1/4	1/8	1-7/16	1-3/32	13/16	0.031
435-073	1/2×3/8	1/8	1-17/32	1-3/32	7/8	0.029
435-074	1/2×3/4	1/8	1-21/32	1-3/32	1-5/16	0.045
435-101	3/4×1/2	1/8	1-27/32	1-5/16	1-3/32	0.050
435-102	3/4×1	3/32	2	1-5/16	1-5/8	0.075
435-130	1×1/2	1/8	1-31/32	1-5/8	1-3/32	0.071
435-131	1×3/4	1/8	2	1-5/8	1-5/16	0.073
435-133	1×1-1/2	3/16	2-5/16	1-5/8	2-7/32	0.134
435-168	1-1/4×1	1/8	2-9/32	1-31/32	1-5/8	0.112

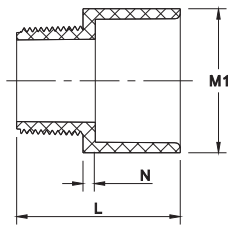
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

FEMALE ADAPTER (SOC × FIPT)



Part Number	Size (in)	N	L	M	Weight (Lbs)
435-003	3/8	3/32	1-15/32	7/8	0.022
435-005	1/2	0	1-9/16	1-3/32	0.035
435-007	3/4	0	1-27/32	1-5/16	0.051
435-010	1	0	2-7/32	1-5/8	0.090
435-012	1-1/4	0	2-9/32	1-31/32	0.115
435-015	1-1/2	0	2-11/32	2-7/32	0.139
435-020	2	0	2-1/2	2-23/32	0.194
435-025	2-1/2	3/16	3-11/32	3-5/16	0.431
435-030	3	3/16	3-19/32	3-31/32	0.578
435-040	4	7/32	3-27/32	5-3/32	0.926
435-050	5				
435-060	6	5/16	5-9/16	7-5/16	2.373
435-080	8				

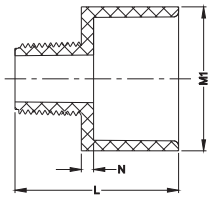
MALE ADAPTER (MIPT × SOC)



Part Number	Size (in)	N	L	M	Weight (Lbs)
436-003	3/8	1-1/2	7/8	5/32	0.020
436-005	1/2	5/32	1-9/16	1-3/32	0.031
436-007	3/4	5/32	1-27/32	1-5/16	0.044
436-010	1	7/32	2-1/4	1-5/8	0.079
436-012	1-1/4	5/32	2-5/16	1-31/32	0.104
436-015	1-1/2	3/16	2-1/2	2-7/32	0.121
436-020	2	1/8	2-15/32	2-23/32	0.181
436-025	2-1/2	3-15/32	3-5/16	9/32	0.394
436-030	3	9/32	3-11/16	3-31/32	0.545
436-040	4	9/32	4-1/32	5-3/32	0.919
436-060	6	5/16	5-23/32	7-1/4	2.094
436-080	8				

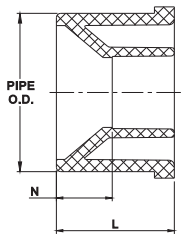
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

REDUCING MALE ADAPTER (MIPT ×SOC)



Part Number	Size (in)	N	L	M1	Weight (Lbs)
436-053	3/8×1/2	5/32	1-1/2	1-3/32	0.026
436-073	1/2×3/8	5/32	1-19/32	7/8	0.022
436-074	1/2×3/4	5/32	1-27/32	1-5/16	0.042
436-075	1/2×1	17/32	2-3/8	1-5/8	0.084
436-101	3/4×1/2	1/8	1-19/32	1-3/32	0.029
436-102	3/4×1	7/32	2-1/16	1-5/8	0.071
436-131	1×3/4	1/8	2-1/32	1-5/16	0.053
436-132	1×1-1/4	5/32	2-5/16	1-31/32	0.099
436-133	1×1-1/2	7/32	2-13/32	2-7/32	0.128
436-168	1-1/4×1	7/32	2-3/8	1-5/8	0.088
436-169	1-1/4×1-1/2	3/16	2-17/32	2-7/32	0.135
436-212	1-1/2×1-1/4	1/4	2-9/16	1-31/32	0.119
436-213	1-1/2×2	7/32	2-5/8	2-23/32	0.190
436-251	2×1-1/2	7/32	2-19/32	2-7/32	0.170
436-252	2×2-1/2	3-3/32	3-5/16	11/32	0.347
436-253	2×3	3-7/32	3-31/32	3/8	0.483
436-342	3×4	5/16	3-7/8	5-1/32	0.863

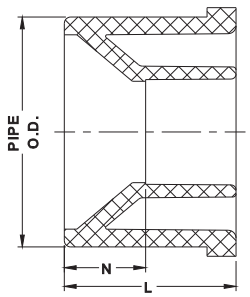
REDUCING BUSHING FLUSH STYLE (SPIG × SOC)



Part Number	Size (in)	N	L	Weight (Lbs)
437-072	1/2×1/4	9/32	31/32	0.018
437-073	1/2×3/8	7/32	31/32	0.013
437-101	3/4×1/2	7/16	1-7/32	0.022
437-130	1×1/2	5/8	1-3/8	0.060
437-131	1×3/4	3/8	1-3/8	0.042
437-166	1-1/4×1/2	23/32	1-15/32	0.108
437-167	1-1/4×3/4	½	1-1/2	0.097
437-168	1-1/4×1	3/8	1-1/2	0.062
437-209	1-1/2×1/2	27/32	1-5/8	0.130
437-210	1-1/2×3/4	5/8	1-5/8	0.117
437-211	1-1/2×1	15/32	1-5/8	0.130
437-212	1-1/2×1-1/4	11/32	1-5/8	0.066
437-247	2×1/2	15/16	1-23/32	0.209

NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

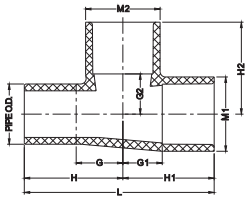
REDUCING BUSHING FLUSH STYLE (SPIG × SOC)



Part Number	Size (in)	N	L	Weight (Lbs)
437-248	2×3/4	23/32	1-23/32	0.203
437-249	2×1	19/32	1-23/32	0.203
437-250	2×1-1/4	7/16	1-23/32	0.194
437-251	2×1-1/2	13/32	1-23/32	0.141
437-287	2-1/2×1/2	1-3/8	2-5/32	0.370
437-288	2-1/2×3/4	1-5/32	2-5/32	0.357
437-289	2-1/2×1	1-1/32	2-5/32	0.348
437-290	2-1/2×1-1/4	7/8	2-5/32	0.353
437-291	2-1/2×1-1/2	27/32	2-5/32	0.337
437-292	2-1/2×2	3/4	2-5/32	0.267
437-334	3×3/4	2-7/32	1-7/32	0.478
437-335	3×1	2-7/32	1-3/32	0.480
437-336	3×1-1/4	2-7/32	15/16	0.476
437-337	3×1-1/2	2-7/32	29/32	0.469
437-338	3×2	13/16	2-7/32	0.452
437-339	3×2-1/2	7/16	2-7/32	0.375
437-420	4×2	1	2-13/32	0.765
437-421	4×2-1/2	2-13/32	5/8	0.789
437-422	4×3	1/ 2	2-13/32	0.834
437-488	5×3	1-17/32	3-7/16	1.420
437-490	5×4	29/32	2-15/16	1.380
437-528	6×2	2-9/16	3-15/16	2.571
437-530	6×3	2-1/32	3-15/16	2.511
437-532	6×4	1-13/16	3-7/8	2.099
437-534	6×5	13/32	3-15/32	1.918
437-582	8×4	4-1/2	2-15/32	3.828
437-585	8×6	4-1/2	1-7/16	3.770
437-623	10×3	5-1/2	3-5/8	6.631
437-624	10×4	5-1/2	3-15/32	6.494
437-626	10×6	5-1/2	2-7/16	6.577
437-628	10×8	5-1/2	1-15/32	6.587
437-663	12×3	6-1/2	4-19/32	10.348
437-664	12×4	6-1/2	4-15/32	10.151
437-666	12×6	6-1/2	3-7/16	10.213
437-668	12×8	6-1/2	2-15/32	10.361
437-670	12×10	6-1/2	1-15/32	12.734

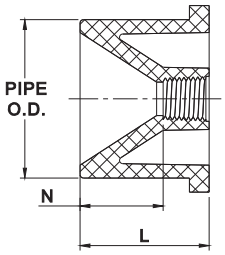
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES.
FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

STREET TEE
(SPIG × SOC × SOC)



Part Number	Size (in)	G	G1	G2	H	H1	H2	L	M1	M2	Weight (Lbs)
444-005	1/2	23/32	5/8	9/16	1-1/2	1-13/32	1-11/32	2-29/32	1-5/32	1-5/32	0.082
444-007	3/4	29/32	23/32	11/16	1-29/32	1-23/32	1-11/16	3-5/8	1-3/8	1-3/8	0.134
444-010	1	1-1/32	27/32	7/8	2-5/32	2	2	4-1/8	1-5/8	1-5/8	0.187
444-012	1-1/4	1-3/16	1-1/32	1	2-15/32	2-5/16	2-9/32	4-3/4	2-1/16	2-1/16	0.319
444-015	1-1/2	1-5/16	1-5/32	1-5/32	2-19/32	2-15/32	2-15/32	5-3/32	2-11/32	2-11/32	0.419
444-020	2	1-9/16	1-13/32	1-13/32	2-15/16	2-25/32	2-25/32	5-3/4	2-25/32	2-25/32	0.560

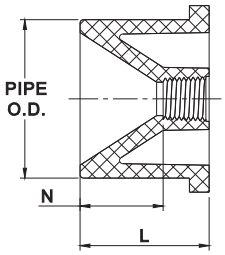
REDUCING BUSHING
FLUSH STYLE
(SPIG × FIPT)



Part Number	Size (in)	N	L	Weight (Lbs)
438-052	3/8×1/4	13/32	15/16	0.013
438-071	1/2×1/8	½	31/32	0.024
438-072	1/2×1/4	13/32	31/32	0.020
438-073	1/2×3/8	31/32	11/32	0.016
438-098	3/4×1/4	21/32	1-3/16	0.042
438-101	3/4×1/2	15/32	1-3/16	0.024
438-128	1×1/4	13/16	1-3/8	0.112
438-129	1×3/8	3/4	1-3/8	0.079
438-130	1×1/2	5/8	1-11/32	0.071
438-131	1×3/4	5/8	1-11/32	0.073

NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

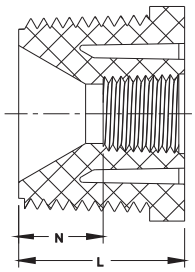
REDUCING BUSHING FLUSH STYLE (SPIG × FIPT)



Part Number	Size (in)	N	L	Weight (Lbs)
438-166	1-1/4×1/2	13/16	1-17/32	0.057
438-167	1-1/4×3/4	25/32	1-17/32	0.046
438-168	1-1/4×1	5/8	1-17/32	0.093
438-207	1-1/2×1/4	1	1-9/16	0.132
438-209	1-1/2×1/2	7/8	1-5/8	0.134
438-210	1-1/2×3/4	7/8	1-5/8	0.121
438-211	1-1/2×1	23/32	1-5/8	0.134
438-212	1-1/2×1-1/4	5/8	1-5/8	0.082
438-245	2×1/4	1-1/8	1-21/32	0.197
438-247	2×1/2	15/16	1-21/32	0.196
438-248	2×3/4	29/32	1-21/32	0.194
438-249	2×1	3/4	1-21/32	0.203
438-250	2×1-1/4	5/8	1-5/8	0.201
438-251	2×1-1/2	21/32	1-21/32	0.161
438-288	2-1/2×3/4	2-1/16	1-5/16	0.355
438-289	2-1/2×1	2-1/16	1-5/32	0.358
438-290	2-1/2×1-1/4	2-1/16	1-1/16	0.355
438-291	2-1/2×1-1/2	2-1/16	1-1/16	0.351
438-292	2-1/2×2	2-1/16	1-1/32	0.277
438-335	3×1	2-7/32	1-5/16	0.480
438-336	3×1-1/4	2-7/32	1-7/32	0.479
438-337	3×1-1/2	2-7/32	1-7/32	0.471
438-338	3×2	1-3/16	2-7/32	0.511
438-339	3×2-1/2	2-7/32	27/32	0.450
438-420	4×2	1-3/8	2-13/32	0.851
438-421	4×2-1/2	2-13/32	1-1/32	0.815
438-422	4×3	29/32	2-13/32	0.842
438-490	5×4	1-3/8	2-15/16	1.224
438-528	6×2	2-29/32	3-15/16	2.605
438-530	6×3	2-7/16	3-15/16	2.617
438-532	6×4	2-3/8	3-15/16	2.460

NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

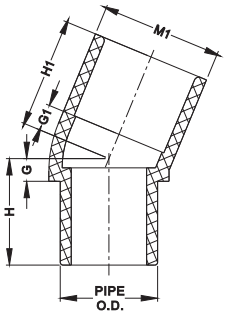
REDUCING T.T. BUSHING FLUSH STYLE (MIPT × FIPT)



Part Number	Size (in)	N	L	Weight (Lbs)
439-052	3/8×1/4	1/4	25/32	0.007
439-072	1/2×1/4	11/32	7/8	0.015
439-073	1/2×3/8	7/8	1/4	0.012
439-098	3/4×1/4	11/32	7/8	0.028
439-099	3/4×3/8	1/4	7/8	0.023
439-101	3/4×1/2	7/32	15/16	0.018
439-128	1×1/4	9/16	1-1/8	0.053
439-130	1×1/2	13/32	1-1/8	0.046
439-131	1×3/4	3/8	1-1/8	0.033
439-166	1-1/4×1/2	5/8	1-11/32	0.084
439-167	1-1/4×3/4	½	1-1/4	0.084
439-168	1-1/4×1	11/32	1-1/4	0.060
439-198	1-1/2×2	2-11/32	1-5/16	0.200
439-209	1-1/2×1/2	17/32	1-1/4	0.099
439-210	1-1/2×3/4	1/2	1-1/4	0.095
439-211	1-1/2×1	11/32	1-1/4	0.093
439-212	1-1/2×1-1/4	9/32	1-9/32	0.057
439-248	2×3/4	5/8	1-11/32	0.180
439-249	2×1	7/16	1-11/32	0.186
439-250	2×1-1/4	1-5/16	5/16	0.159
439-251	2×1-1/2	11/32	1-11/32	0.121
439-292	2-1/2×2	1-11/16	21/32	0.200
439-338	3×2	13/16	1-27/32	0.458
439-422	4×3	9/16	2-1/16	0.657

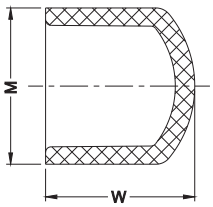
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

22-1/2° STREET ELL (SPIG × SOC)



Part Number	Size (in)	G	H	M1	G1	H1	Weight (Lbs)
442-005	1/2	5/32	1	1-3/32	1/4	1-1/32	0.038
442-007	3/4	5/32	1-1/4	1-5/16	9/32	1-9/32	0.061
442-010	1	5/16	1-7/16	1-5/8	11/32	1-15/32	0.104
442-012	1-1/4	11/32	1-5/8	1-31/32	7/16	1-23/32	0.148
442-015	1-1/2	3/8	1-11/16	2-7/32	3/8	1-11/16	0.178
442-020	2	15/32	1-13/32	2-1/16	15/32	1-13/32	0.262
442-025	2-1/2	9/16	1-25/32	2-17/32	9/16	1-25/32	0.517
442-030	3	19/32	1-29/32	3-1/32	19/32	1-29/32	0.746
442-040	4	25/32	2-13/16	5-1/32	25/32	2-13/16	1.183
442-060	6	1-1/32	4-1/2	7-1/4	1-1/16	4-17/32	3.148

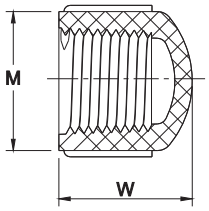
CAP (SOC)



Part Number	Size (in)	W	M	Weight (Lbs)
447-003	3/8	7/8	1	0.014
447-005	1/2	1-1/32	1-3/32	0.018
447-007	3/4	1-5/16	1-5/16	0.031
447-010	1	1-17/32	1-5/8	0.055
447-012	1-1/4	1-3/4	1-31/32	0.082
447-015	1-1/2	1-7/8	2-7/32	0.106
447-020	2	2-1/16	2-23/32	0.150
447-025	2-1/2	2-9/16	3-5/16	0.295
447-030	3	2-29/32	3-31/32	0.454
447-040	4	3-5/32	5-1/32	0.750
447-050	5	4-7/32	6-1/8	1.389
447-060	6	4-11/32	7-1/4	1.722
447-080	8	9-11/32	5-25/32	3.770
447-100	10	11-5/8	7-1/8	6.924
447-120	12	13-25/32	8-3/8	11.452

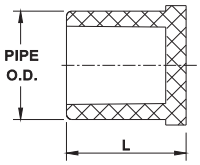
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

CAP (FIPT)



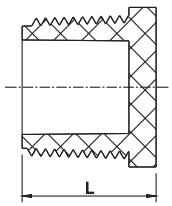
Part Number	Size (in)	W	M	Weight (Lbs)
448-003	3/8	7/8	15/16	0.016
448-005	1/2	1-1/32	1-3/32	0.024
448-007	3/4	1-1/16	1-5/16	0.031
448-010	1	1-5/16	1-5/8	0.060
448-012	1-1/4	1-15/32	1-31/32	0.084
448-015	1-1/2	1-9/16	2-7/32	0.099
448-020	2	1-11/16	2-23/32	0.152
448-025	2-1/2	2-5/32	3-5/16	0.324
448-030	3	2-13/32	3-31/32	0.463
448-040	4	2-25/32	5-1/32	0.800
448-060	6	3-5/32	7-1/4	1.585

PLUG (SPIG)



Part Number	Size (in)	L	Weight (Lbs)
449-003	3/8	29/32	0.011
449-005	1/2	15/16	0.015
449-007	3/4	1-3/16	0.029
449-010	1	1-3/8	0.053
449-012	1-1/4	1-17/32	0.084
449-015	1-1/2	1-5/8	0.115
449-020	2	1-23/32	0.181
449-025	2-1/2	2-5/32	0.324
449-030	3	2-5/16	0.470
449-040	4	2-15/32	0.736
449-060	6	3-15/16	2.154

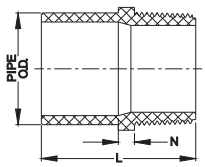
PLUG (MIPT)



Part Number	Size (in)	L	Weight (Lbs)
450-003	3/8	25/32	0.011
450-005	1/2	7/8	0.015
450-007	3/4	7/8	0.020
450-010	1	1-1/4	0.051
450-012	1-1/4	1-5/16	0.068
450-015	1-1/2	1-11/32	0.106
450-020	2	1-1/2	0.187
450-025	2-1/2	1-25/32	0.271
450-030	3	1-7/8	0.412
450-040	4	2-1/8	0.714
450-060	6	2-13/32	1.671

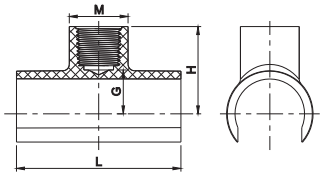
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

MALE ADAPTER
(TAKE OFF) (SPIG × MIPT)



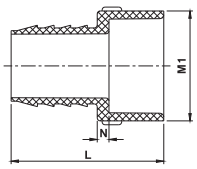
Part Number	Size (in)	N	L	Weight (Lbs)
461-005	1/2	3/16	1-21/32	0.024
461-007	3/4	1/4	1-15/16	0.038
461-010	1	1/4	2-1/4	0.065
461-015	1-1/2	9/32	2-5/8	0.119
461-020	2	9/32	2-3/4	0.187

SNAP-ON SADDLE
(IPS O.D. × FIPT)



Part Number	Size (in)	G	H	L	M	Weight (Lbs)
464-007	3/4	11/16	1-7/16	3-1/16	1-5/16	0.081
464-101	3/4×1/2	23/32	1-7/16	2-13/16	1-3/32	0.070
464-130	1×1/2	7/8	1-5/8	3-1/16	1-3/32	0.097
464-131	1×3/4	7/8	1-5/8	3-5/16	1-5/16	0.112

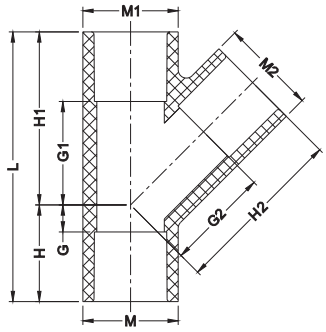
INSERT ADAPTER
(INSERT × SOC)



Part Number	Size (in)	N	L	M1	Weight (Lbs)
474-007	3/4	5/32	2-7/16	15/16	0.045
474-010	1	5/32	2-9/16	1-5/8	0.071
474-015	1-1/2	1/4	3-1/16	2-7/32	0.144
474-020	2	3/16	3-9/16	2-23/32	0.218

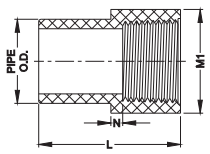
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES.
FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

WYE
(SOC × SOC × SOC)



Part Number	Size (in)	G	G1	G2	H	H1	H2	L	M	M1	M2	Weight (Lbs)
475-005	1/2	5/16	1-3/16	1-3/16	1-3/32	1-15/16	1-15/16	3-1/16	1-5/32	1-5/32	1-5/32	0.110
475-007	3/4	3/8	1-1/2	1-1/2	1-13/32	2-1/2	2-1/2	3-7/8	1-3/8	1-3/8	1-3/8	0.185
475-010	1	15/32	1-27/32	1-27/32	1-19/32	2-31/32	2-31/32	4-19/32	1-11/16	1-11/16	1-11/16	0.309
475-012	1-1/4	3/8	2-3/16	2-7/32	1-21/32	3-15/32	3-1/2	5-1/8	2-1/16	2-1/16	2-1/16	0.441
475-015	1-1/2	5/8	2-9/16	2-19/32	1-15/16	3-7/8	3-29/32	5-13/16	2-5/16	2-5/16	2-5/16	0.604
475-020	2	3/4	3-7/32	3-7/32	2-1/8	4-19/32	4-19/32	6-3/4	2-27/32	2-27/32	2-27/32	1.036
475-025	2-1/2	27/32	3-27/32	3-15/16	2-5/8	5-5/8	5-23/32	8-9/32	3-15/32	3-15/32	3-15/32	1.817
475-030	3	1-3/32	4-21/32	4-21/32	2-31/32	6-9/16	6-9/16	9-17/32	4-1/8	4-1/8	4-1/8	2.948
475-040	4	1-11/32	6	6	3-3/8	8-1/32	8-1/32	11-7/16	5-7/32	5-7/32	5-7/32	4.956
475-060	6	1-21/32	8-1/4	8-15/32	5-1/8	11-23/32	11-15/16	16-27/32	7-15/32	7-15/32	7-15/32	11.815

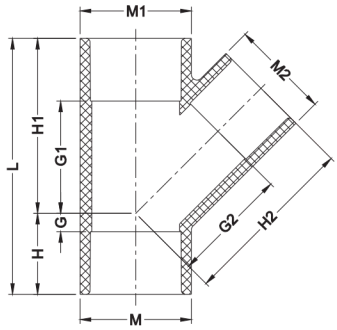
SPIGOT FEMALE ADAPTER (SPIG × FIPT)



Part Number	Size (in)	L	M1	N	Weight (Lbs)
478-005	1/2	1-21/32	1-3/32	5/32	0.035
478-007	3/4	1-29/32	1-5/16	5/32	0.051
478-010	1	2-7/32	1-5/8	3/16	0.087
478-012	1-1/4	2-15/32	1-31/32	3/16	0.122
478-015	1-1/2	2-1/2	2-7/32	3/16	0.147
478-020	2	2-5/8	2-23/32	7/32	0.203

NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

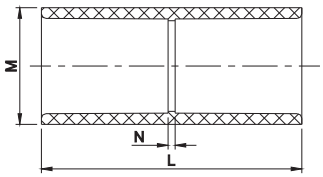
REDUCING WYE
(SOC × SOC × SOC)



Part Number	Size (in)	G	G1	G2	H	H1	H2	L	M	M1	M2	Weight (Lbs)
475-101	3/4×3/4×1/2	3/16	1-5/16	1-11/32	1-3/16	2-5/16	2-1/8	3-15/32	1-3/8	1-3/8	1-5/32	0.145
475-131	1×1×3/4	5/32	1-21/32	1-23/32	1-5/16	2-25/32	2-3/4	4-1/16	1-11/16	1-11/16	1-3/8	0.241
475-210	1-1/2×1-1/2×3/4	-1/16	1-29/32	2-5/32	1-1/4	3-7/32	3-5/32	4-7/16	2-5/16	2-5/16	1-3/8	0.376
475-211	1-1/2×1-1/2×1	3/32	2-5/32	2-1/4	1-13/32	3-15/32	3-3/8	4-7/8	2-5/16	2-5/16	1-11/16	0.472
475-212	1-1/2×1-1/2×1-1/4	3/8	2-11/32	2-7/16	1-11/16	3-21/32	3-11/16	5-11/32	2-5/16	2-5/16	2-1/16	0.522
475-251	2×2×1-1/2	5/16	2-13/16	2-15/16	1-23/32	4-3/16	4-1/4	5-29/32	2-27/32	2-27/32	2-5/16	0.772
475-292	2-1/2×2-1/2×2	7/16	3-7/16	3-5/8	2-7/32	5-7/32	5	7-7/16	3-15/32	3-15/32	2-27/32	1.414
475-338	3×3×2	5/32	3-23/32	4-1/32	2-1/16	5-5/8	5-7/16	7-11/16	4-1/8	4-1/8	2-27/32	1.792
475-339	3×3×2-1/2	1/2	4-1/8	4-11/32	2-13/32	6-1/32	6-5/32	8-7/16	4-1/8	4-1/8	3-15/32	2.202
475-420	4×4×2	-9/32	4-1/2	4-27/32	1-25/32	6-17/32	6-7/32	8-5/16	5-7/32	5-7/32	2-27/32	2.718
475-422	4×4×3	17/32	5-5/32	5-3/8	2-9/16	7-7/32	7-9/32	9-3/4	5-7/32	5-7/32	4-1/8	3.635
475-528	6×6×2	-(1-11/32)	5-3/8	6-7/16	2-1/8	8-27/32	7-27/32	10-31/32	7-15/32	7-15/32	2-27/32	5.745
475-530	6×6×3	-9/16	6-3/16	6-31/32	2-29/32	9-21/32	8-27/32	12-9/16	7-15/32	7-15/32	4-1/8	6.975
475-532	6×6×4	5/32	7-1/32	7-13/32	3-5/8	10-1/2	9-7/16	14-1/8	7-15/32	7-15/32	5-7/32	8.276

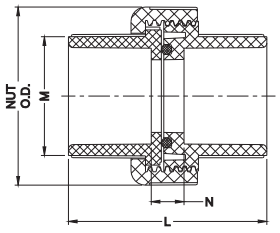
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES.
FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

DEEP SOCKET COUPLING (SOC × SOC)



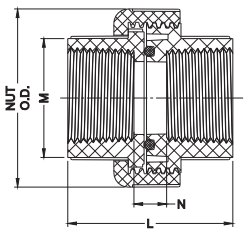
Part Number	Size (in)	N	L	M	Weight (Lbs)
479-005	1/2	2-13/32	1-3/32	3/32	0.047
479-007	3/4	3/32	2-7/8	1-5/16	0.071
479-010	1	3/32	3-5/8	1-5/8	0.131
479-012	1-1/4	3/32	3-27/32	1-31/32	0.172
479-015	1-1/2	1/8	4-19/32	2-7/32	0.243
479-020	2	1/8	5-3/32	2-23/32	0.353
479-025	2-1/2	6-31/32	3-5/16	3/16	0.761
479-030	3	7-9/32	3-31/32	3/16	1.048
479-040	4	7-17/32	5-1/32	3/16	1.501
479-060	6	10-21/32	7-1/4	7/32	3.611

UNION W/O-RING SEAL (SOC × SOC)



Part Number	Size (in)	N	L	M	NUT O.D.	Weight (Lbs)
497-005	1/2	11/32	1-7/8	1-3/32	1-13/16	0.104
497-007	3/4	13/32	2-7/16	1-5/16	2-1/16	0.147
497-010	1	7/16	2-23/32	1-5/8	2-7/16	0.219
497-012	1-1/4	15/32	3	1-31/32	2-27/32	0.299
497-015	1-1/2	9/16	3-3/16	2-7/32	3-3/16	0.418
497-020	2	5/8	3-13/32	2-23/32	3-27/32	0.604

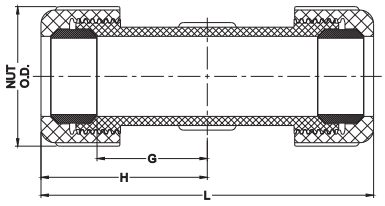
UNION W/O-RING SEAL (FIPT × FIPT)



Part Number	Size (in)	N	L	M	NUT O.D.	Weight (Lbs)
498-005	1/2	1/2	1-15/16	1-3/32	1-13/16	0.116
498-007	3/4	7/16	1-15/16	1-5/16	2-1/16	0.145
498-010	1	7/16	2-1/4	1-5/8	2-7/16	0.220
498-012	1-1/4	15/32	2-15/32	1-31/32	2-27/32	0.300
498-015	1-1/2	9/16	2-9/16	2-7/32	3-3/16	0.415
498-020	2	5/8	2-21/32	2-23/32	3-27/32	0.589

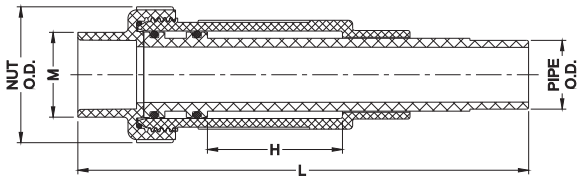
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

COMPRESSION COUPLING (GASKET × GASKET)



Part Number	Size (in)	G	H	L	NUT O.D.	Weight (Lbs)
IR90-05	1/2	1-19/32	2-15/32	4-15/16	1-27/32	0.249
IR90-07	3/4	1-23/32	2-21/32	5-5/16	2-3/32	0.316
IR90-10	1	1-29/32	2-7/8	5-23/32	2-13/32	0.473
IR90-12	1-1/4	2-3/32	3-3/32	6-5/32	2-25/32	0.601
IR90-15	1-1/2	2-9/32	3-5/16	6-21/32	3-5/32	0.799
IR90-20	2	2-9/16	3-11/16	7-11/32	3-21/32	1.112
IR90-25	2-1/2	2-13/16	4-5/32	8-5/16	4-11/32	1.754
IR90-30	3	2-15/16	4-17/32	9-1/16	5	2.392
IR90-40	4	3-19/32	5-11/32	10-23/32	6-3/8	4.344
IR90-60	6	3-3/4	5-5/8	11-1/4	8-13/16	8.105

EXPAND REPAIR COUPLING (SOC × SPIG)



Part Number	Size (in)	H	L	M	NUT O.D.	Weight (Lbs)
FSF-050	1/2	2-3/32	6-5/8	1-3/32	1-15/16	0.302
FSF-075	3/4	2-7/32	7-1/2	1-5/16	2-3/32	0.386
FSF-100	1	2-19/32	8-21/32	1-5/8	2-19/32	0.649
FSF-125	1-1/4	3-1/32	9-1/4	1-31/32	3-1/16	0.918
FSF-150	1-1/2	3-1/32	9-7/32	2-7/32	3-1/4	1.071
FSF-200	2	3-1/6	10-1/2	2-23/32	3-27/32	1.544
FSF-250	2-1/2	5-7/8	14	3-5/16	4-19/32	3.282
FSF-300	3	5-29/32	14-1/2	3-31/32	5-15/32	4.693
FSF-400	4	5-31/32	15-23/32	5-1/32	6-23/32	7.121
FSF-600	6	6-3/32	18-3/16	7-1/4	9-1/32	12.965

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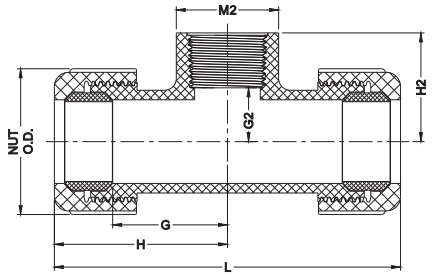
COMPRESSION TEE
(GASKET × GASKET × FIPT)



Part Number	Size(in)	G	G2	H	H2	L	M2	NUT O.D.	Weight (Lbs)
IR91-05	1/2	1-19/32	5/8	2-15/32	1-11/32	4-15/16	1-5/32	1-27/32	0.273
IR91-07	3/4	1-23/32	23/32	2-21/32	1-15/32	5-5/16	1-3/8	2-3/32	0.347
IR91-10	1	1-29/32	7/8	2-7/8	1-25/32	5-23/32	1-11/16	2-13/32	0.528

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

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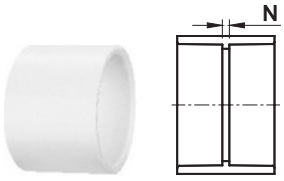
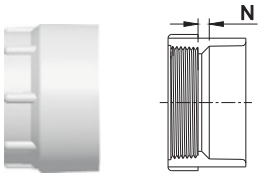
COUPLING (H×H)



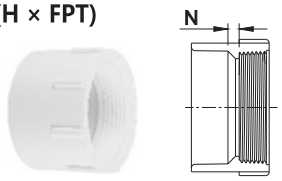
Part Number	Size (in)	N	Weight (Lbs)
LP100-012	1-1/4	1/8	0.0794
LP100-015	1-1/2	3/16	0.0904
LP100-020	2	1/8	0.1367
LP100-030	3	3/16	0.4497
LP100-040	4	1/4	0.7738
LP100-060	6	1/4	2.0701
LP100-080	8	1/4	4.2811
LP100-100	10	13/32	7.3084
LP100-120	12	13/32	11.5218

FEMALE ADAPTER (FPT×H)



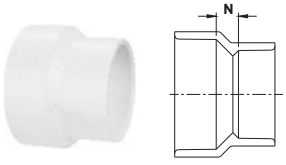
Part Number	Size (in)	N	Weight (Lbs)
LP101-012	1-1/4	1/4	0.0772
LP101-015	1-1/2	1/4	0.1058
LP101-020	2	1/4	0.1235
LP101-030	3	5/16	0.3902
LP101-040	4	11/32	0.6526
LP101-060	6	3/8	1.5124
LP101-080	8	1/2	3.5648

REDUCING FEMALE ADAPTER (H × FPT)



Part Number	Size (in)	N	Weight (Lbs)
LP101-212	1-1/2×1-1/4	1/4	0.0882

PIPE LNCREASER-REDUCER (H×H)



Part Number	Size (in)	N	Weight (Lbs)
LP102-212	1-1/2×1-1/4	7/16	0.0992
LP102-251	2×1-1/2	15/32	0.1389
LP102-337	3×1-1/2	1-1/32	0.4012
LP102-338	3×2	7/8	0.4012
LP102-419	4×1-1/2	1-17/32	0.6570
LP102-420	4×2	1-13/32	0.7055
LP102-422	4×3	15/16	0.7959
LP102-532	6×4	1-7/16	1.8254
LP102-582	8×4	1-5/8	3.4187
LP102-585	8×6	3/4	3.7165
LP102-624	10×4	2-7/32	5.7033
LP102-626	10×6	1-9/16	5.9744
LP102-628	10×8	1-3/8	6.7197
LP102-668	12×8	1-7/8	9.7762
LP102-670	12×10	1-11/32	10.5258

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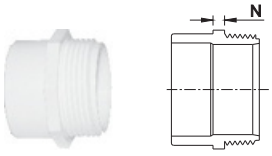
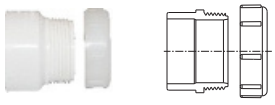
TRAP ADAPTER-MALE (S×SLIP)



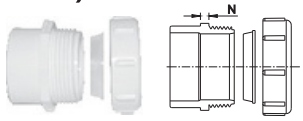
Part Number	Size (in)	N	Weight (Lbs)
LP103-012	1-1/4	7/32	0.0604
LP103-015	1-1/2	3/16	0.0750
LP103-212	1-1/2×1-1/4	7/32	0.0705
LP103-020	2	3/16	0.0860

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



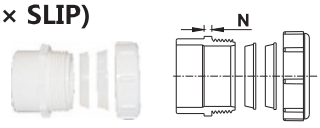
Part Number	Size (in)	N	Weight (Lbs)
LP103P-012	1-1/4	7/32	0.1019
LP103P-015	1-1/2	3/16	0.1036
LP103P-212	1-1/2×1-1/4	7/32	0.0948
LP103P-020	2	3/16	0.1301

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



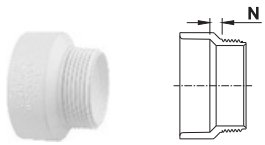
Part Number	Size (in)	N	Weight (Lbs)
LP103X-012	1-1/4	7/32	0.1036
LP103X-015	1-1/2	3/16	0.1217
LP103X-212	1-1/2×1-1/4	7/32	0.1235
LP103X-020	2	3/16	0.1413

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



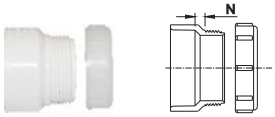
Part Number	Size (in)	N	Weight (Lbs)
LP103R-015	1-1/2	3/16	0.1283

TRAP ADAPTER - FEMALE (H × SLIP)



Part Number	Size (in)	N	Weight (Lbs)
LP104-012	1-1/4	5/16	0.0679
LP104-015	1-1/2	5/16	0.0750
LP104-020	2	11/32	0.1027
LP104-212	1-1/2×1-1/4	5/16	0.0794

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



Part Number	Size (in)	N	Weight (Lbs)
LP104P-012	1-1/4	5/16	0.0944
LP104P-015	1-1/2	5/16	0.1080
LP104P-020	2	11/32	0.1493
LP104P-212	1-1/2×1-1/4	5/16	0.0992

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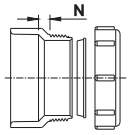
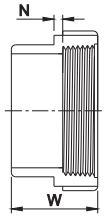
TRAP ADAPTER-FEMALE W/PLASTIC NUT & WASHER (H×SLIP)



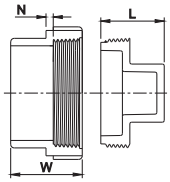
Part Number	Size (in)	N	Weight (Lbs)
LP104X-012	1-1/4	5/16	0.1111
LP104X-015	1-1/2	5/16	0.1146
LP104X-020	2	11/32	0.1548
LP104X-212	1-1/2×1-1/4	5/16	0.1279

FITTING CLEANOUT ADAPTER (S × FPT)



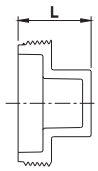
Part Number	Size (in)	N	W	Weight (Lbs)
LP105-012	1-1/4	5/32	1-3/8	0.0719
LP105-015	1-1/2	5/32	1-1/2	0.0926
LP105-020	2	5/32	1-9/16	0.1279
LP105-030	3	1/4	2-17/32	0.3726
LP105-040	4	1/4	2-7/8	0.5820
LP105-060	6	3/8	4-3/8	1.6380

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



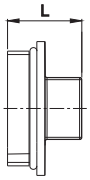
Part Number	Size (in)	N	W	L	Weight (Lbs)
LP105X-012	1-1/4	5/32	1-3/8	31/32	0.1135
LP105X-015	1-1/2	5/32	1-1/2	1-3/8	0.1565
LP105X-020	2	5/32	1-9/16	1-3/8	0.2315
LP105X-030	3	1/4	2-17/32	1-23/32	0.6063
LP105X-040	4	1/4	2-7/8	1-7/8	0.9722
LP105X-060	6	3/8	4-3/8	2	2.4692

CLEANOUT PLUG (MPT)



Part Number	Size (in)	L	Weight (Lbs)
LP106-012	1-1/4	31/32	0.0419
LP106-015	1-1/2	1-3/8	0.0639
LP106-020	2	1-3/8	0.1036
LP106-030	3	1-23/32	0.2337
LP106-040	4	1-7/8	0.3902
LP106-060	6	2	0.8311
LP106-080	8	2-17/32	1.7879

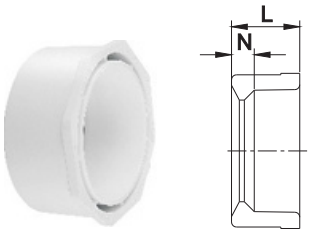
CLEANOUT PLUG W/GASKET (MPT)



Part Number	Size (in)	L	Weight (Lbs)
LP106R-015	1-1/2	1-1/2	0.0765
LP106R-020	2	1-1/2	0.1235
LP106R-030	3	1-29/32	0.3060
LP106R-040	4	2-3/32	0.5181
LP106R-060	6	2-1/4	1.0659

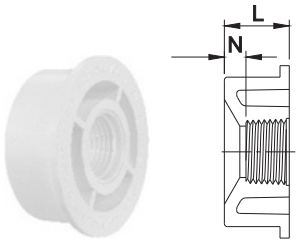
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

FLUSH BUSHING (S × H)



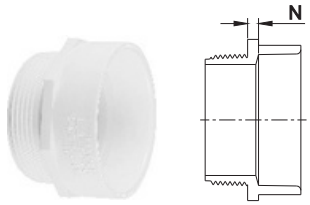
Part Number	Size (in)	N	L	Weight (Lbs)
LP107-212	1-1/2×1-1/4	1/4	15/16	0.0463
LP107-250	2×1-1/4	11/32	1-1/16	0.1389
LP107-251	2×1-1/2	11/32	1-1/16	0.0992
LP107-337	3×1-1/2	1	1-25/32	0.3770
LP107-338	3×2	7/8	1-25/32	0.3748
LP107-420	4×2	1-5/32	2-1/16	0.6239
LP107-422	4×3	17/32	2-1/16	0.5071
LP107-530	6×3	1-13/16	3-11/32	1.8805
LP107-532	6×4	1-23/32	3-1/2	2.0922
LP107-582	8×4	2-5/8	4-13/32	3.4965
LP107-585	8×6	1-3/8	4-13/32	3.5802
LP107-626	10×6	2-7/16	5-15/32	6.6580
LP107-628	10×8	1-9/16	5-19/32	6.4638
LP107-666	12×6	3-19/32	6-5/8	9.9517
LP107-668	12×8	2-5/8	6-21/32	10.0648
LP107-670	12×10	1-5/8	6-5/8	12.5904

REDUCER BUSHING (DISHWASHER BUSHING) (S×FPT)



Part Number	Size (in)	N	L	Weight (Lbs)
LP108-209	1-1/2×½	9/32	13/16	0.0750
LP108-210	1-1/2×3/4	9/32	13/16	0.0728
LP108-212	1-1/2×1-1/4	3/16	29/32	0.0465
LP108-251	2×1-1/2	1/4	31/32	0.0961
LP108-337	3×1-1/2	1-1/16	1-25/32	0.3397
LP108-338	3×2	1	1-25/32	0.3391
LP108-628	10×8	3-29/32	5-5/8	5.4938
LP108-668	12×8	4-29/32	6-21/32	8.3153

MALE ADAPTER (MPT × H)



Part Number	Size (in)	N	Weight (Lbs)
LP109-012	1-1/4	3/16	0.0750
LP109-169	1-1/4×1-1/2	3/16	0.0816
LP109-015	1-1/2	3/16	0.1080
LP109-020	2	3/16	0.4431
LP109-030	3	13/32	0.7363
LP109-040	4	13/32	1.8232
LP109-060	6	13/32	0.0816

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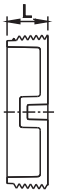
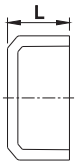
FLUSH C.O. PLUG (MPT)



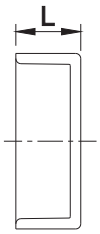
Part Number	Size (in)	L	Weight (Lbs)
LP110-020	2	5/8	0.0564
LP110-030	3	3/4	0.1411
LP110-040	4	7/8	0.2769

PLUG SLIP (S)



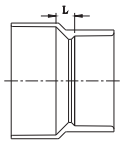
Part Number	Size (in)	L	Weight (Lbs)
LP110S-015	1-1/2	15/16	0.0549
LP110S-020	2	31/32	0.0831

CAP (SOC)



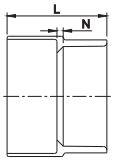
Part Number	Size (in)	L	Weight (Lbs)
LP116-015	1-1/2	15/16	0.0683
LP116-020	2	1	0.0970
LP116-030	3	1-3/4	0.3307
LP116-040	4	2-1/32	0.5732
LP116-060	6	3-5/16	1.4947
LP116-080	8	4-1/32	3.1920
LP116-100	10	5	5.4034
LP116-120	12	6-1/32	8.5494

ADAPTER COUPLING (H × H)



Part Number	Size (in)	L	Weight (Lbs)
LP117-030	3	13/32	0.3746
LP117-040	4	1/2	0.5975
LP117-422	4×3	23/32	0.4894

ADAPTER COUPLING (S/D S×DWV H)



Part Number	Size (in)	N	L	Weight (Lbs)
LP117X-422	4×3	7/32	3-1/2	0.3948

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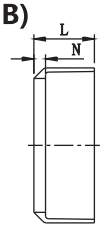
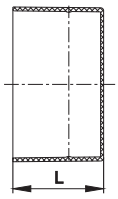
ADAPTER BUSHING (DWV SPIGOT × HUB)



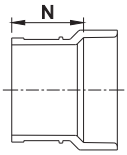
Part Number	Size (in)	N	L	Weight (Lbs)
LP118-020	2	3/16	15/16	0.0243
LP118-030	3	7/32	1-23/32	0.1168
LP118-040	4	1/4	2	0.1896
LP118-060	6	11/32	3-11/32	0.6085

TEST CAP, OUTSIDE DIAMETER (H)



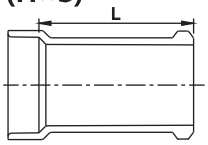
Part Number	Size (in)	L	Weight (Lbs)
LN132-015	1-1/2	1-3/16	0.0174
LN132-020	2	1-3/16	0.0262
LN132-030	3	1-21/32	0.0547
LN132-040	4	1-25/32	0.0816
LN132-060	6	3-1/16	0.2630

NO-HUB ADAPTER (S × H)



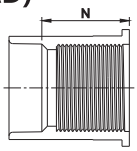
Part Number	Size (in)	N	Weight (Lbs)
LP119-015	1-1/2	1-9/16	0.1058
LP119-020	2	1-5/8	0.1389
LP119-030	3	1-13/16	0.3880
LP119-040	4	1-7/8	0.6239
LP119-251	2×1-1/2	1-5/8	0.1367
LP119-422	4×3	1-13/16	0.4630

HUB ADAPTER (H×S)



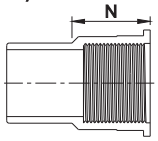
Part Number	Size (in)	L	Weight (Lbs)
LP123-020	2	3-27/32	0.3086
LP123-030	3	4-1/8	0.7165
LP123-040	4	4-13/32	1.0737

TRAP ADAPTER PLUG (H×NPSM THREAD)



Part Number	Size (in)	N	Weight (Lbs)
LP128-015	1-1/2	1-7/8	0.1938

TRAP ADAPTER PLUG (S×NPSM THREAD)



Part Number	Size (in)	N	Weight (Lbs)
LP129-015	1-1/2	3-3/8	0.2183

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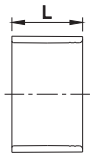
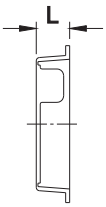
REPAIR COUPLING (H × H)



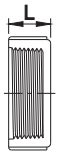
Part Number	Size (in)	L	Weight (Lbs)
LP130-015	1-1/2	1-17/32	0.0750
LP130-020	2	1-21/32	0.1058
LP130-030	3	3-7/32	0.4034
LP130-040	4	3-25/32	0.6746
LP130-060	6	6-11/32	2.0305

TEST CAP (S)



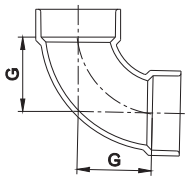
Part Number	Size (in)	L	Weight (Lbs)
LP131-015	1-1/2	13/32	0.0077
LP131-020	2	13/32	0.0115
LP131-030	3	7/36	0.0280
LP131-040	4	13/32	0.0476

Threaded Cap (FPT)



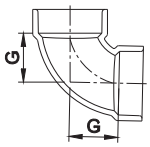
Part Number	Size (in)	L	Weight (Lbs)
LP135-015	1-1/2	7/8	0.0794
LP135-020	2	15/16	0.1168
LP135-030	3	1-7/16	0.3732

1/4 BEND (H × H)



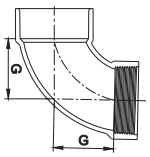
Part Number	Size (in)	G	Weight (Lbs)
LP300-012	1-1/4	1-9/16	0.1653
LP300-015	1-1/2	1-25/32	0.2403
LP300-020	2	2-3/8	0.3483
LP300-030	3	3-1/16	0.9855
LP300-040	4	3-7/8	1.7328
LP300-060	6	5	4.2196
LP300-080	8	6	4.3009
LP300-100	10	9-1/4	15.7582
LP300-120	12	10-7/10	24.6047

90°ELBOW-SHORT TURN (H×H)



Part Number	Size (in)	G	Weight (Lbs)
LP300-015S	1-1/2	1-15/32	0.1830
LP300-020S	2	1-9/16	0.2601
LP300-030S	3	2-3/8	0.9061

1/4 BEND (H X FIPT)



Part Number	Size (in)	G	Weight (Lbs)
LP301-030	3	3-1/16	1.0240

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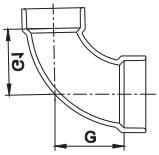
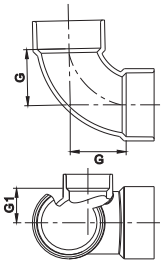
1/4 BEND, REDUCING (H×H)



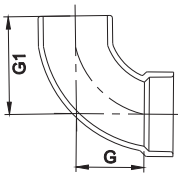
Part Number	Size (in)	G	G1	Weight (Lbs)
LP300R-251	2×1-1/2	2-7/16	2-5/16	0.2908

1/4 BEND WITH SIDE INLET (ALL HUB)



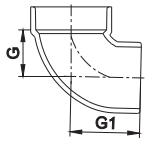
Part Number	Size (in)	G	G1	Weight (Lbs)
LP300S-337	3×3×1-1/2	3-1/16	1-31/32	1.0582
LP300S-338	3×3×2	3-1/16	1-7/8	1.0296

1/4 BEND, STREET (S×H)



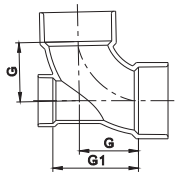
Part Number	Size (in)	G	G1	Weight (Lbs)
LP302-012	1-1/4	1-9/16	2-9/32	0.1543
LP302-015	1-1/2	1-3/4	2-5/16	0.1808
LP302-020	2	2-5/16	3-1/8	0.3064
LP302-030	3	3-1/16	4-19/32	0.9921
LP302-040	4	3-15/16	5-23/32	1.7593
LP302-060	6	5	8-11/32	4.1888
LP302-080	8	6	10	8.2143

90°ELBOW-SHORT TURN (H×S)



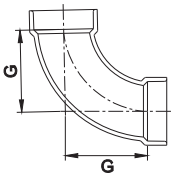
Part Number	Size (in)	G	G1	Weight (Lbs)
LP302-020S	2	1-9/16	2-5/16	0.2447

1/4 BEND W/ LOW HEEL INLET (H × H × H)



Part Number	Size (in)	G	G1	Weight (Lbs)
LP303-337	3×3×1-1/2	3-1/16	4-3/16	1.0591
LP303-338	3×3×2	3-1/16	4-7/16	1.0714
LP303-420	4×4×2	3-7/8	5-7/16	1.7549

LONG SWEEP 1/4 BEND (H × H)



Part Number	Size (in)	G	Weight (Lbs)
LP304-015	1-1/2	2-3/4	0.2866
LP304-020	2	3-1/4	0.4101
LP304-030	3	4-1/16	1.1662
LP304-040	4	4-15/16	2.0349
LP304-060	6	6-23/32	4.8700

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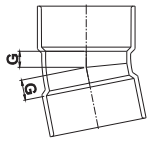
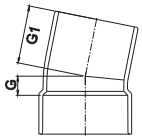
11-1/4°ELBOW(H×H)



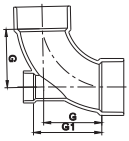
Part Number	Size (in)	G	Weight (Lbs)
LP305-060	6	1-1/2	2.8616

11-1/4°ELBOW(S×H)



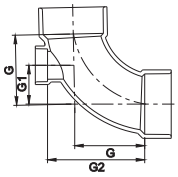
Part Number	Size (in)	G	G1	Weight (Lbs)
LP306-060	6	1-1/2	4-17/32	2.7999

LONG SWEEP 1/4 BEND W/LOW HEEL INLET (ALL HUB)



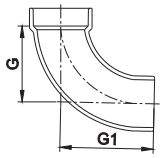
Part Number	Size (in)	G	G1	Weight (Lbs)
LP307-337	3×3×1-1/2	4-1/16	4-3/4	1.2531
LP307-338	3×3×2	4-1/16	4-15/16	1.2787

LONG SWEEP 1/4 BEND W/HIGH HEEL INLET (ALL HUB)



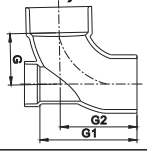
Part Number	Size (in)	G	G1	G2	Weight (Lbs)
LP308-337	3×3×1-1/2	4-1/16	2-1/4	5-5/8	1.2167
LP308-338	3×3×2	4-1/16	2-1/4	5-5/8	1.2257

LONG SWEEP 1/4 BEND, STREET (H × S)



Part Number	Size (in)	G	G1	Weight (Lbs)
LP309-015	1-1/2	2-3/4	3-15/32	0.2668
LP309-020	2	3-1/4	4-1/32	0.3968
LP309-030	3	4-1/16	5-19/32	1.1729
LP309-040	4	4-15/16	6-11/16	2.0216

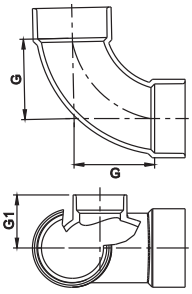
1/4 BEND, STREET W/ LOW HEEL INLET (H × S × H)



Part Number	Size (in)	G	G1	G2	Weight (Lbs)
LP310-338	3×3×2	3-1/16	5-31/32	4-19/32	1.0053

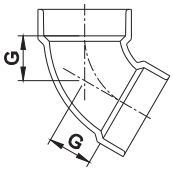
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

LONG SWEEP 1/4 BEND W/ SIDE INLET (ALL×HUB)



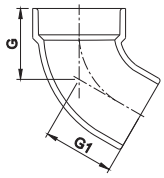
Part Number	Size (in)	G	G1	Weight (Lbs)
LP311-338	3×3×2	4-1/16	1-29/32	1.2522

1/6 BEND (H × H)



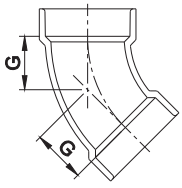
Part Number	Size (in)	G	Weight (Lbs)
LP319-015	1-1/2	1	0.1631
LP319-020	2	1-5/16	0.2579
LP319-030	3	1-11/16	0.8179
LP319-040	4	2-1/16	1.3514
LP319-060	6	3-3/8	3.8669

1/6 BEND, STREET (H × S)



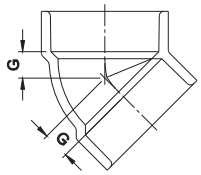
Part Number	Size (in)	G	G1	Weight (Lbs)
LP320-015	1-1/2	1	1-11/16	0.1521
LP320-020	2	1-5/16	2-1/16	0.2403
LP320-030	3	1-11/16	3-7/32	0.7606
LP320-040	4	2-1/16	3-13/36	1.3536

1/8 BEND (H × H)



Part Number	Size (in)	G	Weight (Lbs)
LP321-012	1-1/4	1	0.1433
LP321-015	1-1/2	1-1/8	0.1852
LP321-020	2	1-1/2	0.2844
LP321-030	3	1-3/4	0.8201
LP321-040	4	2-3/16	1.5168
LP321-060	6	2	3.1306
LP321-080	8	2-1/16	6.0146

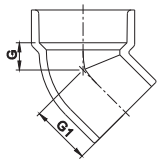
45°ELBOW-SHORT TURN (H×H)



Part Number	Size (in)	G	Weight (Lbs)
LP321-015S	1-1/2	15/32	0.1235

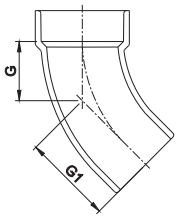
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

45°ELBOW-SHORT TURN (H×S)



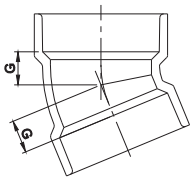
Part Number	Size (in)	G	G1	Weight (Lbs)
LP323-015S	1-1/2	19/32	1-5/16	0.1257

1/8 BEND, STREET (H × S)



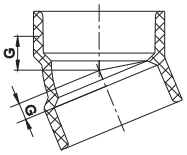
Part Number	Size (in)	G	G1	Weight (Lbs)
LP323-012	1-1/4	1	1-13/16	0.1323
LP323-015	1-1/2	1-1/8	1-29/32	0.1852
LP323-020	2	1-11/16	2-19/32	0.2976
LP323-030	3	1-25/32	3-5/16	0.8157
LP323-040	4	2-3/16	3-15/16	1.3669
LP323-060	6	2	5-5/32	3.1306
LP323-080	8	2-1/16	6-5/32	5.7493
LP323-100	10	2-5/8	7-5/8	9.8882

1/16 BEND (H × H)



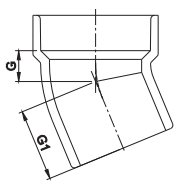
Part Number	Size (in)	G	Weight (Lbs)
LP324-015	1-1/2	1/2	0.1323
LP324-020	2	11/16	0.1874
LP324-030	3	13/16	0.6437
LP324-040	4	1	1.0670
LP324-060	6	1-1/2	2.9255
LP324-080	8	1-1/2	5.5864
LP324-100	10	2-3/16	9.8391
LP324-120	12	2-3/8	15.2072

22-1/2" ELBOW-SHORT TURN (H×H)



Part Number	Size (in)	G	Weight (Lbs)
LP324-015S	1-1/2	9/32	0.1102

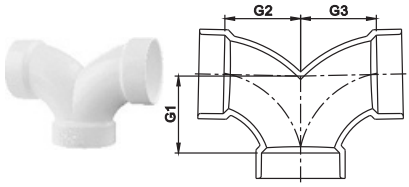
1/16 BEND, STREET (H × S)



Part Number	Size (in)	G	G1	Weight (Lbs)
LP326-015	1-1/2	1/2	1-5/16	0.1235
LP326-020	2	11/16	1-9/16	0.2050
LP326-030	3	13/16	2-7/32	0.6085
LP326-040	4	1	2-3/4	0.9877
LP326-060	6	1-1/2	4-17/32	2.8638

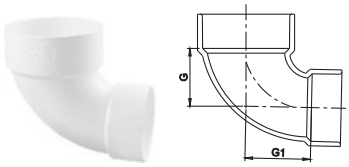
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

DOUBLE 1/4 BEND (H × H × H)



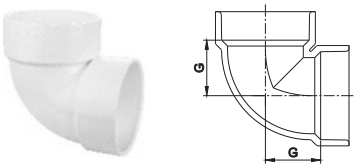
Part Number	Size (in)	G1	G2	G3	Weight (Lbs)
LP327-015	1-1/2	1-3/4	1-3/4	1-3/4	0.2932
LP327-020	2	2-5/16	2-5/16	2-5/16	0.4762
LP327-030	3	3-1/16	3-1/16	3-1/16	1.4418
LP327-040	4	3-7/8	3-7/8	3-7/8	2.5507
LP327-241	2×1-1/2×1-1/2	1-15/16	2-7/32	2-7/32	0.3836

CLOSET BEND, REDUCING (H × H)



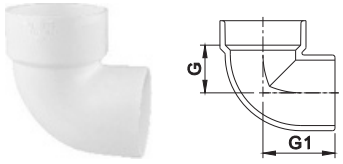
Part Number	Size (in)	G	G1	Weight (Lbs)
LP329-342	3×4	3	3-3/8	1.3162

VENT ELL (H × H)



Part Number	Size (in)	G	Weight (Lbs)
LP331-012	1-1/4	1	0.1338
LP331-015	1-1/2	1-3/16	0.1720
LP331-020	2	1-1/2	0.2601
LP331-030	3	2	0.8400
LP331-040	4	2-5/8	1.3867
LP331-060	6	3-1/2	3.7126

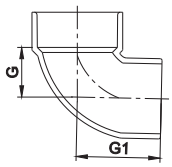
VENT ELL,STREET (H × S)



Part Number	Size (in)	G	G1	Weight (Lbs)
LP333-012	1-1/4	1	1-25/32	0.1303
LP333-015	1-1/2	1-3/16	1-7/8	0.1720
LP333-020	2	1-1/2	2-1/4	0.2756
LP333-030	3	2-5/16	3-9/16	0.8620
LP333-040	4	2-15/32	4-3/8	1.3382
LP333-060	6	3-15/16	4-19/32	3.9948
LP333-080	8	4-1/2	8-27/32	7.4799
LP333-100	10	5-13/16	10-15/16	12.9458
LP333-120	12	6-22/25	13	20.4171

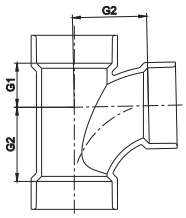
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

TRAP ELBOW (FOR USE WITH TRAPS ONLY)(H × S)



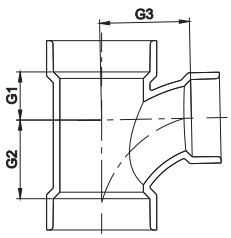
Part Number	Size (in)	G	G1	Weight (Lbs)
LP335-030	3	2-5/32	3-21/32	0.7716
LP335-040	4	2-3/4	4-7/16	1.3779

SANITARY TEE (ALL HUB)



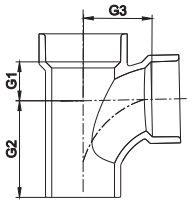
Part Number	Size (in)	G1	G2	Weight (Lbs)
LP400-012	1-1/4	3/4	1-9/16	0.2183
LP400-015	1-1/2	1	1-3/4	0.2954
LP400-020	2	1-13/32	2-5/16	0.4718
LP400-030	3	1-13/16	3-1/16	1.3977
LP400-040	4	2-1/4	3-7/8	2.5618
LP400-060	6	3-1/2	5	5.6086
LP400-080	8	4-1/2	6	11.4960

REDUCING SANITARY TEE (ALL HUB)



Part Number	Size (in)	G1	G2	G3	Weight (Lbs)
LP401-212	1-1/2×1-1/2×1-1/4	13/16	1-11/16	1-13/16	0.2615
LP401-241	2×1-1/2×1-1/2	1-3/16	1-15/16	2-3/16	0.3527
LP401-251	2×2×1-1/2	1-3/16	1-15/16	2-3/16	0.3594
LP401-257	2×1-1/2×2	1-3/8	2-5/16	1-31/32	0.4034
LP401-337	3×3×1-1/2	15/16	1-3/4	2-9/16	0.8113
LP401-338	3×3×2	1-3/16	2-1/8	2-7/8	0.9105
LP401-419	4×4×1-1/2	1-1/16	2	3-1/4	1.3338
LP401-420	4×4×2	1-1/8	2-1/16	3-5/16	1.3095
LP401-422	4×4×3	1-3/4	3	3-9/16	1.8012
LP401-528	6×6×2	1-11/16	2-1/4	3-15/16	3.2584
LP401-530	6×6×3	2-1/16	3-9/32	4-23/32	3.8449
LP401-532	6×6×4	2-3/16	3-5/8	4-5/16	4.0124

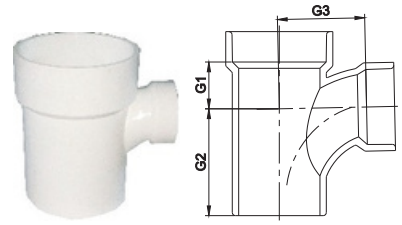
SANITARY TEE, STREET (S×H×H)



Part Number	Size (in)	G1	G2	G3	Weight (Lbs)
LP403-015	1-1/2	1	2-7/16	1-3/4	0.2646
LP403-020	2	1-3/8	3-3/32	2-5/16	0.4431
LP403-030	3	1-13/16	4-19/32	3-1/16	1.3801
LP403-040	4	2-1/4	5-5/8	3-7/8	2.2267

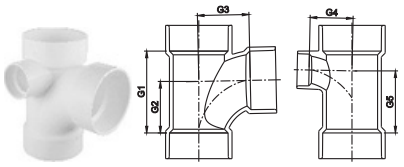
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

SANITARY TEE, STREET REDUCING (S×H×H)



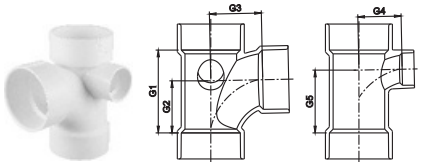
Part Number	Size (in)	G1	G2	G3	Weight (Lbs)
LP404-241	2 ×1-1/2 ×1-1/2	1-3/16	2-11/16	2-3/16	0.3441
LP404-251	2 ×2 ×1-1/2	1-3/16	2-11/16	2-3/16	0.3613
LP404-257	2 ×1-1/2 ×2	1-3/8	3-3/32	2-5/16	0.4136
LP404-337	3×3×1-1/2	15/16	3-9/32	2-3/16	0.7562
LP404-338	3 ×3 ×2	1-3/16	3-21/32	2-7/8	0.8898
LP404-420	4 ×4 ×2	1-1/8	3-13/16	3-5/16	1.3106

SANITARY TEE W/ LEFT SIDE INLET (ALL HUB)



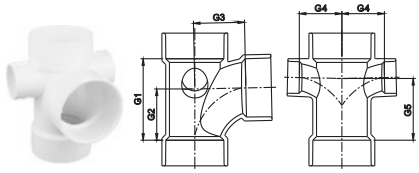
Part Number	Size (in)	G1	G2	G3	G4	G5	Weight (Lbs)
LP416-337	3×3×3×1-1/2	4-7/8	3-1/16	3-1/16	2-9/16	3-11/16	1.4484
LP416-338	3×3×3×2	4-7/8	3-1/16	3-1/16	2-7/8	3-11/16	1.5498
LP416-420	4×4×4×2	6-1/8	3-7/8	3-7/8	3-5/16	5	2.5133

SANITARY TEE W/ RIGHT SIDE INLET (ALL HUB)



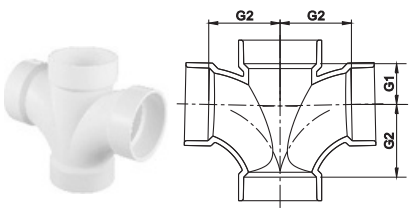
Part Number	Size (in)	G1	G2	G3	G4	G5	Weight (Lbs)
LP417-337	3×3×3×1-1/2	4-7/8	3-1/16	3-1/16	2-9/16	3-11/16	1.4551
LP417-338	3×3×3×2	4-7/8	3-1/16	3-1/16	2-7/8	3-11/16	1.6094
LP417-420	4×4×4×2	6-1/8	3-7/8	3-7/8	3-5/16	5	2.5670

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



Part Number	Size (in)	G1	G2	G3	G4	G5	Weight (Lbs)
LP418-337	3×3×3×1-1 /2×1-1/2	4-7/8	3-1/16	3-1/16	2-9/16	3-11/16	1.5631
LP418-338	3×3×3×2 ×2	4-7/8	3-1/16	3-1/16	2-7/8	3-11/16	1.7417
LP418-420	4 ×4 ×4 ×2 ×2	6-1/8	3-7/8	3-7/8	3-5/16	5	2.7339

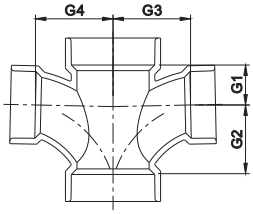
DOUBLE SANITARY TEE (ALL HUB)



Part Number	Size (in)	G1	G1	Weight (Lbs)
LP428-015	1-1/2	1	1-3/4	0.3483
LP428-020	2	1-3/8	2-5/16	0.5556
LP428-030	3	1-13/16	3-1/16	1.6799
LP428-040	4	2-1/4	3-7/8	2.9476
LP428-060	6	3-1/2	5	7.1805

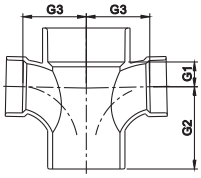
NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

DOUBLE SANITARY TEE, REDUCING (ALL HUB)



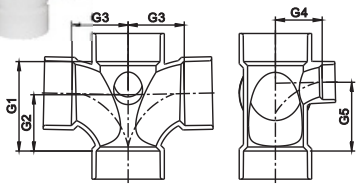
Part Number	Size (in)	G1	G2	G3	G4	Weight (Lbs)
LP429-251	2×2×1-1/2×1-1/2	1-3/16	1-15/16	2-3/16	2-3/16	0.4475
LP429-323	3×3×2×1-1/2	1-3/16	2-1/16	2-7/16	2-1/2	0.9577
LP429-337	3×3×1-1/2×1-1/2	15/16	1-3/4	2-9/16	2-9/16	0.8686
LP429-338	3×3×2×2	1-3/16	2-1/8	2-7/8	2-7/8	1.0031
LP429-419	4×4×1-1/2×1-1/2	1-1/16	2	3-1/4	3-1/4	1.4176
LP429-420	4×4×2×2	1-1/8	2-1/16	3-5/16	3-5/16	1.4198
LP429-422	4×4×3×3	1-3/4	3	3-9/16	3-9/16	2.1539
LP429-528	6×6×2×2	1-11/16	2-1/4	4-11/32	4-11/32	3.3069
LP429-530	6×6×3×3	2-1/16	3-9/32	4-23/32	4-23/32	4.0984
LP429-532	6×6×4×4	2-3/16	3-5/8	4-5/16	4-5/16	4.4996

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



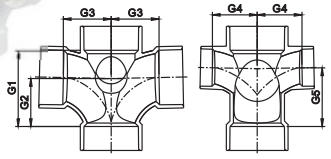
Part Number	Size (in)	G1	G2	G3	Weight (Lbs)
LP431-338	3×3×2×2	1-3/16	3-21/32	2-7/8	0.9795

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



Part Number	Size (in)	G1	G2	G3	G4	G5	Weight (Lbs)
LP438-337	3×3×3×3×1-1/2	4-7/8	3-1/16	3-1/16	2-9/16	3-11/16	1.8644
LP438-338	3 ×3 ×3 ×3 ×2	4-7/8	3-1/16	3-1/16	2-7/8	3-11/16	1.9083
LP438-420	4×4×4×4×2	6-1/8	3-7/8	3-7/8	3-5/16	3-7/8	3.1702

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



Part Number	Size (in)	G1	G2	G3	G4	G5	Weight (Lbs)
LP439-338	3×3 ×3×3 ×2×2	4-7/8	3-1/16	3-1/16	2-7/8	3-11/16	2.0866
LP439-420	4×4 ×4×4 ×2×2	6-1/8	3-7/8	3-7/8	3-5/16	5	3.3166

NOTE: DO NOT USE OR TEST THE PRODUCTS IN THIS CATALOG WITH COMPRESSED AIR OR OTHER GASES. FAILURE TO FOLLOW THIS WARNING CAN RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.