

PVC FITTINGS

SUBMITTAL SHEET

PVC Fittings



Telescoping PVC slide repair couplings by Apollo are adjustable to assist in making easy repairs to damaged pipes. The telescoping action allows the fitting to expand or retract to cover/replace the damaged section of existing pipe. Simply remove the damaged section of pipe, clean pipe and fitting ends thoroughly, apply solvent cement and secure into place. Once secured, these fittings will provide years of reliable service.

Compression fittings by Apollo are engineered to perform to strict standards and expectations. With a duplex seal that ensures a leakproof seal in every application and a large gripping area, these fittings resist even the strongest forces of longitudinal pull out forces. Available in coupling, adapter, union and female compression tees, PVC compression fittings by Apollo are designed for years of reliable use.

Apollo PVC Schedule 40 Ball Valves are compact and lightweight. This Slip x Slip valve is designed for a variety of applications including pressure distribution of cold water in irrigation, pool, spa, agricultural, commercial and light industrial applications and comes in a plastic jar of 12 valves which is convenient, resealable, and reusable. Apollo PVC Sch. 40 ball valves are NSF approved and have EPDM seats and O-rings integrated into the durable PVC body. The full port valve design allows for maximum flow rates with minimal turbulence or pressure reduction.

Features:

- Seals throughout full travel of piston in telescoping fittings.
- Dual EPDM O-Rings for a leakproof seal in telescoping, compression, and union fittings.
- New branch lines, test hookups, service joints or temporary piping can be added easily with compression couplings.
- SBR (styrene butadiene rubber) gaskets provide a positive, leak-proof compression seal in compression couplings.
- Ball valves have a full port design to allow for maximum efficiency and minimal turbulence.
- Ball valves have quarter-turn flow control for easy on and off.
- Requires solvent cement for installation.
- Telescoping fittings and slip unions are compatible with Sch. 40 and Sch. 80 pipe.
- For use in repairs of irrigation lines and cold-water distribution PVC water lines.
- Pipe must be restrained during and after installation.
- Fittings are easy to install for the novice or the professional.
- Corrosion resistant.
- For use in irrigation, underground sprinkler systems, swimming pools, outdoor applications and cold water supply lines.

Specifications:

- Maximum operating pressure: 150 psi at 73°F
- Working temperature range: 41°F - 140°F

Approvals:

- Conforms to NSF 61/372, ASTM D-1784, D-2466, F-1970 and D-2000
- NSF Certified
- NSF / ANSI Standard 372 Certified for ball valves
- Slip connections conform to ASTM D2468 for ball valves

Installation Instructions:

Squarely cut and clean the end of the PVC pipe. Quickly coat the inner surface of the fitting with solvent cement and insert the pipe, turning the pipe 1/4 turn to completely cover the pipe and fitting connection with cement. Make sure the pipe is seated properly inside the fitting before drying.

Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	



PVC Correction Factors	
Operating Temperature (°F)	PVC Factor
73° F	1.00
80° F	0.88
90° F	0.75
100° F	0.62
110° F	0.51
115° F	0.45
120° F	0.40
130° F	0.31
140° F	0.22

The pipe pressure ratings shown are the maximum allowable working pressure for water, non-shock, at 73°F. Allowable pressure ratings decrease with an increase in temperature. The following temperature de-rating factors must be applied to the working pressure ratings shown to determine the maximum allowable pressure rating at elevated temperatures. Multiply the working pressure rating shown at 73°F by the appropriate de-rating factor for the elevated temperature selected to determine the maximum allowable pressure rating at that temperature.

Example: 4" Sch 40 PVC pipe = 220 psi@73°F
4" Sch 40 PVC pipe (220 psi x 0.51) = 112 psi

**The maximum allowable operating temperature for PVC is 140°F*

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PVC Telescoping Slide Repair Couplings							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
PVCC12SL	1/2 in. x 1/2 in. PVC Slide Repair Coupling	0.50	0.50	6.50	0.27	6	810053461006
PVCC34SL	3/4 in. x 3/4 in. PVC Slide Repair Coupling	0.75	0.75	7.50	0.40	8	810053461013
PVCC1SL	1 in. x 1 in. PVC Slide Repair Coupling	1.00	1.00	8.88	0.66	6	810053461020
PVCC114SL	1¼ in. x 1¼ in. PVC Slide Repair Coupling	1.25	1.25	9.75	0.83	4	810053461037
PVCC112SL	1½ in. x 1½ in. PVC Slide Repair Coupling	1.50	1.50	10.75	1.13	4	810053461044
PVCC2SL	2 in. x 2 in. PVC Slide Repair Coupling	2.00	2.00	11.38	1.44	2	810053461051



PVC Ball Valves							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
PVCBV1212JR	1/2 in. x 1/2 in. x 3 in. PVC Slip Ball Valve (12 Pack Jar)	1.55	2.98	2.55	0.18	4	810053460535
PVCBV3412JR	3/4 in. x 3/4 in. PVC Slip Ball Valve (12 Pack Jar)	1.75	3.57	2.92	0.26	4	810053460542
PVCBV16JR	1 in. x 1 in. PVC Slip Ball Valve (6 Pack Jar)	2.12	3.60	3.60	0.41	4	810053460559



PVC Compression Couplings							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
PVCCOMP12	1/2 in. x 1/2 in. PVC Compression Coupling	0.50	0.50	5.50	0.23	20	810053461068
PVCCOMP34	3/4 in. x 3/4 in. PVC Compression Coupling	0.75	0.75	5.30	0.31	16	810053461075
PVCCOMP1	1 in. x 1 in. PVC Compression Coupling	1.00	1.00	6.00	0.46	12	810053461082
PVCCOMP114	1¼ in. x 1¼ in. PVC Compression Coupling	1.25	1.25	6.25	0.50	4	810053461099
PVCCOMP112	1½ in. x 1½ in. PVC Compression Coupling	1.50	1.50	6.50	0.75	4	810053461105
PVCCOMP2	2 in. x 2 in. PVC Compression Coupling	2.00	2.00	7.50	1.06	2	810053461112



PVC Compression x Male Repair Adapters							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
PVCCOMPMA34	3/4 in. x 3/4 in. PVC Compression x Male Repair Adapter	0.75	0.75	2.76	0.17	18	810053461129
PVCCOMPMA1	1 in. x 1 in. PVC Compression x Male Repair Adapter	1.00	1.00	3.00	0.23	18	810053461136



PVC Compression Tees With FIP Branches							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
PVCCOMPT12F	1/2 in. x 1/2 in. x 1/2 in. PVC Compression Tee With FIP Branch	5.14	1.81	0.50	0.28	4	810053461143
PVCCOMPT3412F	3/4 in. x 3/4 in. x 1/2 in. PVC Compression Tee With FIP Branch	5.50	2.14	0.75	0.35	10	810053461167
PVCCOMPT34F	3/4 in. x 3/4 in. x 3/4 in. PVC Compression Tee With FIP Branch	5.50	2.14	0.75	0.31	6	810053461150
PVCCOMPT1F	1 in. x 1 in. x 1 in. PVC Compression Tee With FIP Branch	5.95	2.34	1.00	0.48	4	810053461174

PVC FITTINGS



PVC Slip Joint Union							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
PVCU12	1/2 in. x 1/2 in. PVC Slip Joint Union	0.50	0.50	1.91	0.11	36	810053460887
PVCU34	3/4 in. x 3/4 in. PVC Slip Joint Union	0.75	0.75	2.13	0.15	25	810053460900
PVCU1	1 in. x 1 in. PVC Slip Joint Union	1.00	1.00	2.50	0.25	12	810053460924
PVCU114	1 1/4 in. x 1 1/4 in. PVC Slip Joint Union	1.25	1.25	3.00	0.41	9	810053460948
PVCU112	1 1/2 in. x 1 1/2 in. PVC Slip Joint Union	1.50	1.50	3.50	0.50	5	810053460962
PVCU2	2 in. x 2 in. PVC Slip Joint Union	2.00	2.00	4.10	0.88	4	810053460986



PVC Female Union							
Part Number	Description	H	W	D	Wt (lbs)	Carton Qty	UPC
PVCU12F	1/2 in. x 1/2 in. PVC Female Union	0.50	0.50	1.90	0.13	36	810053460894
PVCU34F	3/4 in. x 3/4 in. PVC Female Union	0.75	0.75	2.00	0.16	25	810053460917
PVCU1F	1 in. x 1 in. PVC Female Union	1.00	1.00	2.50	0.27	12	810053460931
PVCU114F	1 1/4 in. x 1 1/4 in. PVC Female Union	1.25	1.25	3.00	0.49	4	810053460955
PVCU112F	1 1/2 in. x 1 1/2 in. PVC Female Union	1.50	1.50	3.50	0.53	5	810053460979
PVCU2F	2 in. x 2 in. PVC Female Union	2.00	2.00	4.13	0.94	4	810053460993