

Dielectric Unions & Flanges & Plastic to Metal Transition Fittings

Fitting Pipe Size	Fitting Connection Type	Max. Operating Pressure	Item No.
Dielectric Unions			
Lead-Free Brass x Brass			
1/2 in	FNPT x F Solder	250 psi	26X162
3/4 in	FNPT x F Solder	250 psi	26X164
1 in	FNPT x F Solder	250 psi	26X175
Lead-Free Brass x Malleable Iron			
1/2 in	FNPT x FNPT	250 psi	26X173
2 in	FNPT x FNPT	250 psi	26X163
Lead-Free Brass x Steel			
1/2 in	FNPT x FNPT	250 psi	26X169
3/4 in	FNPT x FNPT	250 psi	26X170
1 in	FNPT x FFBP	250 psi	26X171
1 1/4 in	FNPT x FNPT	250 psi	25CC90
Lead-Free Brass x Zinc-Plated Galvanized Steel			
1/2 in	FNPT x F Solder	250 psi	5DMG0
1/2 in	MNPT x M Solder	250 psi	5DMG6
3/4 in	FNPT x F Solder	250 psi	5DMG1
3/4 in	MNPT x M Solder	250 psi	5DMG7
3/4 in	FNPT x F Solder	250 psi	5DMG8
1 in	FNPT x F Solder	250 psi	5DMG2
1 1/4 in	FNPT x F Solder	250 psi	5DMG3
1 1/2 in	FNPT x F Solder	250 psi	5DMG4
2 in	FNPT x F Solder	250 psi	5DMG5
Lead-Free Malleable Iron x Black Malleable Iron			
1 1/2 in	FNPT x FNPT	250 psi	25CC85
2 in	FNPT x FNPT	250 psi	25CC86

Fitting Pipe Size	Fitting Connection Type	Max. Operating Pressure	Item No.
Lead-Free Malleable Iron x Zinc-Plated Galvanized Malleable Iron			
1½ in	FNPT x FNPT	250 psi	25CC91
2 in	FNPT x FNPT	250 psi	25CC92
Lead-Free Steel x Black Steel			
½ in	FNPT x FNPT	250 psi	25CC82
¾ in	FNPT x FNPT	250 psi	25CC83
1 in	FNPT x FNPT	250 psi	25CC84
1¼ in	FNPT x FNPT	250 psi	25CC93
Lead-Free Steel x Zinc-Plated Galvanized Steel			
½ in	FNPT x FNPT	250 psi	5DMH3
¾ in	FNPT x FNPT	250 psi	5DMH4
1 in	FNPT x FNPT	250 psi	5DMH5
1¼ in	FNPT x FNPT	250 psi	26X174

Fitting Pipe Size	Flange Diameter	Fitting Connection Type	No. of Bolt Holes	Max. Operating Pressure	Item No.
Dielectric Flanges					
2 in	5½ in	FNPT x F Solder	4	250 psi	5DMH6
2½ in	5⅞ in	FNPT x M Solder	4	175 psi	26X166
2½ in	7 in	F Solder x M Solder	4	175 psi	25CC87
3 in	6¾ in	FNPT x M Solder	4	175 psi	26X167
3 in	7½ in	F Solder x M Solder	4	175 psi	25CC88
4 in	9 in	F Solder x M Solder	4	175 psi	25CC89



**Union
5DMG0**



**Flange
26X167**



Lead-Free Dielectric Unions & Flanges

- Polysulfone insulator material

Pipe fittings for dissimilar materials allow incompatible materials to be joined together safely, and provide insulation between two different materials to avoid electrolysis that leads to corrosion and pipe failure.

Plastic to Metal Transition Fittings, Schedule 40, 80 & SDR-11

- Metal side NPT, except 5UED7 and 5UED8 are compression

Fittings minimize any stress problems found with metal-to-plastic piping system transitions when connecting heat exchangers, flow meters, and other metal-ended, male-threaded instruments. They are also used when expanding old metal systems with plastic, or installing new plastic systems where metal is required for part of the installation.

SCHEDULE 80: Schedule 80 CPVC has thicker walls than Schedule 40, but not as thick as Schedule 100.

Metal Side Nominal Pipe Size	Fitting Metal Side Material	Metal Side Nominal Gender	Plastic Side Nominal Pipe Size	Plastic Side Gender	Plastic Side Type	Application*	Item No.
Schedule 80 CPVC Insert Transition Fittings, Gray Color							
90° Short Sweep Elbow							
1/2 in	Brass	Female	1/2 in	Female	Socket	NPW	3EKT9
Tee							
1/2 in	Brass	Female	1/2 in	Female	Socket	NPW	3EKV5
Transition Adapter							
1/2 in	316-Stainless-Steel	Female	1/2 in	Male	Spigot	PW, NPW	3GXH7
1/2 in	360-Brass	Female	1/2 in	Male	Spigot	PW, NPW	3GXH1
3/4 in	316-Stainless-Steel	Female	3/4 in	Male	Spigot	PW, NPW	3GXH8
3/4 in	360-Brass	Female	3/4 in	Male	Spigot	PW, NPW	3GXH2
3/4 in	Brass	Female	3/4 in	Female	Socket	NPW	3EKU4
1 in	Brass	Female	1 in	Female	Socket	NPW	3EKU6
1 1/4 in	360-Brass	Female	1 1/4 in	Male	Spigot	PW, NPW	22JZ99
1 1/4 in	Brass	Female	1 1/4 in	Female	Socket	NPW	3EKU7
1 1/2 in	Brass	Female	1 1/2 in	Female	Socket	NPW	3EKU8
2 in	360-Brass	Female	2 in	Male	Spigot	PW, NPW	22KA01
Transition Union							
1 in	Brass	Female	1 in	Female	Socket	NPW	3EKV1
1 1/2 in	Brass	Female	1 1/2 in	Female	Socket	NPW	3EKV3
2 in	Brass	Female	2 in	Female	Socket	NPW	3EKV4

Schedule 80 PVC Insert Transition Fittings, Gray Color 90° Elbow

Metal Side Nominal Pipe Size	Fitting Metal Side Material	Metal Side Nominal Gender	Plastic Side Nominal Pipe Size	Plastic Side Gender	Plastic Side Type	Application*	Item No.
1/2 in	Brass	Female	1/2 in	Female	Socket	NPW	3EKR1

SCHEDULE SDR 11 (Standard Dimension Ratio): SDR-11 means the outside diameter (D) is 11 times the thickness (S).

Metal Side Nominal Pipe Size	Fitting Metal Side Material	Metal Side Nominal Gender	Plastic Side Nominal Pipe Size	Plastic Side Gender	Plastic Side Type	Application*	Item No.
Schedule SDR 11 CPVC Insert Transition Fittings, Tan Color							
90° Drop Ear Transition Elbow							
1/2 in	Stainless-Steel	Female	1/2 in	Female	Socket	NPW	5UED2

SCHEDULE 40: Schedule 40 CPVC has thicker walls than Schedule 10, but not as thick as Schedule 80.

Metal Side Nominal Pipe Size	Fitting Metal Side Material	Metal Side Nominal Gender	Plastic Side Nominal Pipe Size	Plastic Side Gender	Plastic Side Type	Application*	Item No.
Schedule 40 CPVC Insert Transition Fittings, Tan Color							
Transition Adapter							
1/2 in	C46400-Brass	Female	1/2 in	Female	Socket	PW	23NY84
1/2 in	C46400-Brass	Male	1/2 in	Female	Socket	PW	23NY81
3/4 in	C46400-Brass	Female	3/4 in	Female	Socket	PW	23NY85
3/4 in	C46400-Brass	Male	3/4 in	Female	Socket	PW	23NY82
1 in	C46400-Brass	Female	1 in	Female	Socket	PW	23NY86
1 in	C46400-Brass	Male	1 in	Female	Socket	PW	23NY83
90° Reducing Elbow							
3/4 in	Brass	Female	1/2 in	Female	Socket	NPW	3EKR3
Tee							
3/4 in	Brass	Female	3/4 in	Female	Socket	NPW	3EKT7
Transition Adapter							
1/2 in	360-Brass	Female	1/2 in	Male	Spigot	PW, NPW	3GXF7
1/2 in	Brass	Female	1/2 in	Female	Socket	NPW	3EKR4
3/4 in	316-Stainless-Steel	Female	3/4 in	Male	Spigot	PW, NPW	3GXF5
3/4 in	360-Brass	Female	3/4 in	Male	Spigot	PW, NPW	3GXF8
3/4 in	Brass	Female	3/4 in	Female	Socket	NPW	3EKR5
1 in	316-Stainless-Steel	Female	1 in	Male	Spigot	PW, NPW	3GXF6
1 in	360-Brass	Female	1 in	Male	Spigot	PW, NPW	3GXF9
1 in	Brass	Female	1 in	Female	Socket	NPW	3EKR7
1 1/4 in	360-Brass	Female	1 1/4 in	Male	Spigot	PW, NPW	3GKG1
1 1/4 in	Brass	Female	1 1/4 in	Female	Socket	NPW	3EKR8
1 1/2 in	316-Stainless-Steel	Female	1 1/2 in	Male	Spigot	PW, NPW	22JZ18
1 1/2 in	360-Brass	Female	1 1/2 in	Male	Spigot	PW, NPW	3GKG2
1 1/2 in	Brass	Female	1 1/2 in	Female	Socket	NPW	3EKR9
2 in	360-Brass	Female	2 in	Male	Spigot	PW, NPW	3GKG3
2 in	Brass	Female	2 in	Female	Socket	NPW	3EKT1
Transition Reducing Adapter							
3/4 in	Brass	Female	1/2 in	Female	Socket	NPW	3EKR6
Transition Union							
1 in	Brass	Female	1 in	Female	Socket	NPW	3EKT2
1 1/4 in	Brass	Female	1 1/4 in	Female	Socket	NPW	3EKT3
1 1/2 in	Brass	Female	1 1/2 in	Female	Socket	NPW	3EKT4
2 in	Brass	Female	2 in	Female	Socket	NPW	3EKT5

Metal Side Nominal Pipe Size	Fitting Metal Side Material	Metal Side Nominal Gender	Plastic Side Nominal Pipe Size	Plastic Side Gender	Plastic Side Type	Application*	Item No.
Transition Adapter							
1/2 in	Stainless-Steel	Male	1/2 in	Female	Socket	NPW	5UEC9
3/4 in	Stainless-Steel	Female	1/2 in	Female	Socket	NPW	5UEC7
3/4 in	Stainless-Steel	Female	3/4 in	Female	Socket	NPW	5UEC6
3/4 in	Stainless-Steel	Male	3/4 in	Female	Socket	NPW	5UED0
1 in	Stainless-Steel	Female	1 in	Female	Socket	NPW	5UEC8
1 in	Stainless-Steel	Male	1 in	Female	Socket	PW	5UED1
Transition Union							
1/2 in	Brass	Male	1/2 in	Male	Spigot	NPW	5UED5
1/2 in	Brass	Male	1/2 in	Male	Spigot	NPW	5UED7
3/4 in	Brass	Male	3/4 in	Male	Spigot	NPW	5UED6
3/4 in	Brass	Male	3/4 in	Male	Spigot	NPW	5UED8

* PW = Potable water. NPW = Non-potable water. PW, NPW = Potable water, Non-potable water.