

Cam and Groove Fittings

Consist of a two-part system with a nipple (adapter) and coupler (sold separately) that connect or disconnect pipe, tubing, or hose without tools.

Polypropylene—Lightweight thermoplastic material resists UV, weathering, corrosion, and ozone damage. Commonly used with treated water, corrosive solvents, and chemicals.

Nylon—Fittings resists corrosion and changes in humidity, withstand higher temperatures than polypropylene, and won't scratch delicate surfaces.

Glass-Filled Polypropylene—Uses glass fibers for extra reinforcement. This combination adds stability and strength to resist UV, weathering, and corrosion.

Dust Caps and Plugs—Seal leaks and prevent debris or other materials from entering the connection.

Coupling Size		Polypropylene		Nylon	
Thread Size		Max. Working Pressure @ 70°F	Item No.	Max. Working Pressure @ 70°F	Item No.
Type A					
No Locking Arm					
3/4 in	1/2 in -14	225 psi	1MJU9 *	150 psi	55EF69 †
3/4 in	3/4 in -14	225 psi	1MJV1 *	150 psi	55EF70 †
1 in	1 in -11-1/2	300 psi	1DPJ8 *	250 psi	55EF71 †
1 in	1 1/4 in -11-1/2	300 psi	1DPK6 *	—	—
1 1/4 in	1 1/4 in -11-1/2	—	—	250 psi	55EF72 †
1 1/2 in	1 1/2 in -11-1/2	225 psi	1DPL3 *	250 psi	55EF73 †
2 in	2 in -11-1/2	225 psi	1DPN4 *	250 psi	55EF74 †
2 1/2 in	2 1/2 in -8	—	—	225 psi	55EF75 †
3 in	3 in -8	100 psi	1MJT1 *	200 psi	55EF76 †
4 in	4 in -8	75 psi	1MJU1 *	100 psi	55EF77 †
Type B					
No Locking Arm					
3/4 in	1/2 in -14	300 psi	1MJV2 *	150 psi	55EF78 †
3/4 in	3/4 in -14	300 psi	1MJV3 *	150 psi	55EF79 †
1 in	1 in -11-1/2	300 psi	1DPJ9 *	250 psi	55EF80 †
1 in	1 1/4 in -11-1/2	300 psi	1DPK7 *	—	—
1 1/4 in	1 1/4 in -11-1/2	—	—	250 psi	55EF81 †
1 1/2 in	1 1/2 in -11-1/2	300 psi	1DPL4 *	250 psi	55EF82 †
2 in	2 in -11-1/2	225 psi	1DPN5 *	250 psi	55EF83 †
2 1/2 in	2 1/2 in -8	—	—	225 psi	55EF84 †
3 in	3 in -8	—	—	200 psi	55EF85 †
4 in	4 in -8	150 psi	1MJU2 *	100 psi	55EF86 †
Type D					
No Locking Arm					
3/4 in	1/2 in -14	300 psi	1DPH7 *	150 psi	55EF96 †
3/4 in	3/4 in -14	300 psi	1DPJ3 *	150 psi	55EF97 †
1 in	1 in -11-1/2	300 psi	1DPK2 *	250 psi	55EF98 †
1 in	1 1/4 in -11-1/2	300 psi	1DPK9 *	—	—
1 1/4 in	1 1/4 in -11-1/2	—	—	250 psi	55EF99 †
1 1/2 in	1 1/2 in -11-1/2	300 psi	1DPL7 *	250 psi	55EG01 †
2 in	2 in -11-1/2	200 psi	1DPN8 *	250 psi	55EG02 †
2 1/2 in	2 1/2 in -8	—	—	225 psi	55EG03 †
3 in	3 in -8	200 psi	1MJT5 *	200 psi	55EG04 †
4 in	4 in -8	100 psi	1MJU5 *	100 psi	55EG05 †
Type F					
No Locking Arm					
3/4 in	1/2 in -14	300 psi	1DPH9 *	—	—
3/4 in	3/4 in -14	300 psi	1DPJ5 *	150 psi	55EG15 †
1 in	1 in -11-1/2	300 psi	1DPK4 *	250 psi	55EG16 †
1 in	1 1/4 in -11-1/2	300 psi	1DPL2 *	—	—
1 1/4 in	1 1/4 in -11-1/2	—	—	250 psi	55EG17 †
1 1/2 in	1 1/2 in -11-1/2	300 psi	1DPN1 *	250 psi	55EG18 †
2 in	—	150 psi	5MLV1 *	—	—
2 in, 3 in	—	75 psi	5MLV3 *	—	—
2 in	2 in -11-1/2	300 psi	1DP22 *	250 psi	55EG19 †
2 1/2 in	2 1/2 in -8	—	—	225 psi	55EG20 †
3 in	—	75 psi	5MLV2 *	—	—
3 in	3 in -8	100 psi	1MJT7 *	200 psi	55EG21 †
4 in	4 in -8	75 psi	1MJU7 *	100 psi	55EG22 †
Type DA					
No Locking Arm					
3 in Socket x 2 in Plug	—	200 psi	5MLV0 *	—	—

Coupling Size		Polypropylene		Nylon	
Thread Size		Max. Working Pressure @ 70°F	Item No.	Max. Working Pressure @ 70°F	Item No.
Type C					
No Locking Arm					
3/4 in	1/2 in	300 psi	1DPH6 *	150 psi	55EF87 †
3/4 in	3/4 in	300 psi	1DPJ1 *	150 psi	55EF88 †
1 in	1 in	300 psi	1DPK1 *	250 psi	55EF89 †
1 in	1 1/4 in	300 psi	1DPK8 *	—	—
1 1/4 in	1 1/4 in	—	—	250 psi	55EF90 †
1 1/2 in	1 1/2 in	300 psi	1DPL5 *	250 psi	55EF91 †
2 in	2 in	225 psi	1DPN6 *	250 psi	55EF92 †
2 1/2 in	2 1/2 in	—	—	225 psi	55EF93 †
3 in	3 in	200 psi	1MJT3 *	200 psi	55EF94 †
4 in	4 in	150 psi	1MJU3 *	100 psi	55EF95 †
Type E					
No Locking Arm					
3/4 in	1/2 in	300 psi	1DPH8 *	150 psi	55EG06 †
3/4 in	3/4 in	300 psi	1DPJ4 *	150 psi	55EG07 †
1 in	1 in	300 psi	1DPK3 *	250 psi	55EG08 †
1 in	1 1/4 in	300 psi	1DPL1 *	—	—
1 1/4 in	1 1/4 in	—	—	250 psi	55EG09 †
1 1/2 in	1 1/2 in	200 psi	1DPL9 *	250 psi	55EG10 †
2 in	2 in	200 psi	1DPP1 *	250 psi	55EG11 †
2 1/2 in	2 1/2 in	—	—	225 psi	55EG12 †
3 in	3 in	150 psi	1MJT6 *	200 psi	55EG13 †
4 in	4 in	50 psi	1MJU6 *	100 psi	55EG14 †
Type DC, Dust Cap Includes Locking Arm					
2 in	—	—	—	—	4YLL3 †
3 in	—	—	—	—	4YLL5 †
4 in	—	—	—	—	4YLL7 †
No Locking Arm					
3/4 in	—	300 psi	1DPJ2 *	—	—
1 in	—	300 psi	1DPJ6 *	—	—
1 1/2 in	—	300 psi	1DPL6 *	—	—
2 in	—	200 psi	1DPN7 *	—	—
3 in	—	100 psi	1MJT4 *	—	—
4 in	—	100 psi	1MJU4 *	—	—
Type DP, Dust Plug No Locking Arm					
3/4 in	—	70 psi	1MJV5 *	—	—
1 in	—	300 psi	1DPJ7 *	—	—
1 1/2 in	—	225 psi	1DPN3 *	—	—
2 in	—	225 psi	1MJR9 *	—	—
3 in	—	—	—	—	4YLL4 †
3 in	—	150 psi	1MJT9 *	—	—
4 in	—	—	—	—	4YLL6 †

* Banjo brand. † USA Sealing brand. ‡ Approved Vendor brand.



Polypropylene Type A 1MJU9



Nylon Type B 55EF78



Polypropylene Type D 1DPH7



Nylon Type F 55EG15



Polypropylene Type C 1DPH6



Nylon Type E 55EG06

4YLL8



Glass-Filled Polypropylene Cam Arm Locks

Locks fit around a coupler and hold cam arms in place to prevent tampering and avoid accidental uncoupling. Used in water treatment, waste/vacuum trucks, and chemical movement and storage.

Coupling Size	Overall Length	Item No.
2 in	3 3/4 in	4YLL8
3 in	5 1/4 in	4YLL9
4 in	6 in	4YLLN1



Polypropylene Dry Disconnect Couplings

Designed for connecting and disconnecting hoses and pipelines without spills or leaks. Couplings have a double ball valve design that allows maximum flow, but they cannot be uncoupled in an open position. FKM gasket. For use in pharmaceutical, chemical, and petroleum processing.

Item	Coupling Size	Thread Size	Max. Working Pressure @ 70°F	Overall Length	Item No.
Cam and Groove Coupling with Valve	2 in	2 in	100 psi	4 7/8 in	34K329
Dry Disconnect Coupling	—	2 in	100 psi	6 1/2 in	34K328
Cam and Groove Adapter	2 in	2 in -11-1/2	150 psi	6 1/2 in	34K352

34K329

