

Cam-Operated Couplings

Plastic Cam-Operated Couplings



ESOP Employee Owned
for Your Benefit

Fluid Transfer Specialists®

Plastic Cam Operated Couplings



NYLON (Glass Fiber Reinforced)

- High impact strength at much lighter weight than metal counterparts
- Corrosion resistant
- Will not easily cross thread or seize on mating threads
- Electrically non-conductive
- Resistant to most hydrocarbons, solvents, mild acids, and agricultural chemicals
- Made to MIL-C-27487 dimensions — fully interchangeable with other materials made to the same standards

POLYPROPYLENE (Glass Fiber Reinforced)

- Similar properties to nylon (above) yet more resistant to most acids than nylon couplings
- Made to MIL-C-27487 dimensions



Made in U.S.A.

Notes

NYLON

Material: Glass-fiber reinforced nylon — yellow in color

Standard Gasket:	EPDM
Handle:	304L Stainless Steel
Pin:	302 Stainless Steel
Temperature Range:	-30°F to 200°F**
Working Pressure**:	3/8" thru 1" 175 psi
	1-1/4" thru 2" 150 psi
	3" 100 psi
	4" 50 psi

POLYPROPYLENE (PP)

Material: Glass-fiber reinforced polypropylene — black in color

Standard Gasket:	EPDM
Handle:	304L Stainless Steel
Pin:	302 Stainless Steel
Temperature Range:	10°F to 180°F**
Working Pressure**:	1/2" thru 1" 125 psi
	1-1/4" thru 2" 100 psi
	3" 75 psi

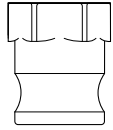
CAM OPERATED COUPLINGS are available with BSPT (metric) threads through minimum order.

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application. Clamps must be used in higher pressure applications; testing recommended.

Plastic Cam Operated Couplings

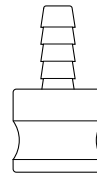
■ Note that sizes are listed first due to the two materials offered.

Type A – Adapter x FNPT



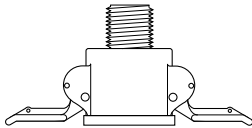
SIZE (IN.)	PART NO. NYLON	PART NO. PP
3/8	560 0049*	
1/2	560 0077	561 0052
3/4	560 0105	561 0080*
1	560 0133	561 0108
1-1/4	560 0161*	561 0136*
1-1/2	560 0189	561 0164
2	560 0217	561 0192
3	560 0245	561 0220
4	560 0273	

Type E – Adapter x Hose Barb



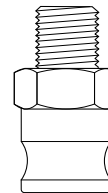
SIZE (IN.)	PART NO. NYLON	PART NO. PP
1/2	560 1561	561 1424
5/8	560 1589	
3/4	560 1617	561 1452
1	560 1645	561 1480
1-1/4	560 1673*	561 1508*
1-1/2	560 1701	561 1536
2	560 1729	561 1564
3	560 1757*	561 1592*
4	560 1785	

Type B – Coupler x MNPT



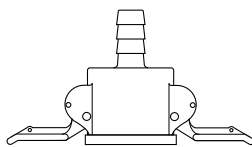
SIZE (IN.)	PART NO. NYLON	PART NO. PP
1/2	560 0385	561 0388
3/4	560 0413	561 0416
1	560 0441	561 0444
1-1/4	560 0469*	561 0472*
1-1/2	560 0497	561 0500
2	560 0525	561 0528
3	560 0553	561 0556
4	560 0581	

Type F – Adapter x MNPT



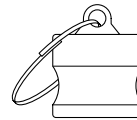
SIZE (IN.)	PART NO. NYLON	PART NO. PP
1/2	560 1953	561 1760
3/4	560 1981	561 1788
1	560 2009	561 1816
1-1/4	560 2037*	561 1844*
1-1/2	560 2065	561 1872
2	560 2093	561 1900
3	560 2121	561 1928
4	560 2149	

Type C – Coupler x Hose Barb



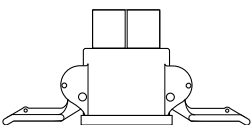
SIZE (IN.)	PART NO. NYLON	PART NO. PP
1/2	560 0749	561 0724
5/8	560 0777	
3/4	560 0805	561 0752
1	560 0833	561 0780
1-1/4	560 0861*	561 0808*
1-1/2	560 0889	561 0836
2	560 0917	561 0864
3	560 0945	561 0892
4	560 0973	

Type DP – Plug



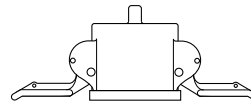
SIZE (IN.)	PART NO. NYLON	PART NO. PP
3/4	560 2989*	561 3160
1	560 3017*	561 3188
1-1/2	560 3045*	561 3216
2	560 3073*	561 3244
3	560 3101*	561 3272
4	560 3129*	

Type D – Coupler x FNPT



SIZE (IN.)	PART NO. NYLON	PART NO. PP
3/8	560 1169*	
1/2	560 1197	561 1088
3/4	560 1225	561 1116
1	560 1253	561 1144
1-1/4	560 1281*	561 1172*
1-1/2	560 1309	561 1200
2	560 1337	561 1228
3	560 1365	561 1256
4	560 1393	

Type DC – Cap



SIZE (IN.)	PART NO. NYLON	PART NO. PP
3/4	560 2681*	561 2488
1	560 2709*	561 2516
1-1/2	560 2737*	561 2544
2	560 2765*	561 2572
3	560 2793*	561 2600
4	560 2821*	

On 3/8", 1/2" and 5/8" sizes, the coupler and adapter portion is made to the 3/4" standard, therefore these sizes will mate together.

On the 1-1/4" size, the coupler and adapter portion is made to the 1-1/2" standard, therefore these sizes will mate together.

*Limited stock availability; lead times and minimums may apply — call for details.



Nylobrade® PVC Hose

- Listed by the National Sanitation Foundation for food equipment materials (NSF-51) and potable water (NSF-61)
- Offers far higher pressure capabilities than unreinforced PVC tubing
- Mirror smooth interior permits outstanding flow characteristics
- Corrosion and abrasion resistant with flexibility similar to rubber but with much longer life



Urebrade® Polyurethane Hose

- Resistant to weathering, tearing, impact, abrasion, radiation exposure, oils, greases and fuels
- Wide range of temperature resistance: -90°F to 175°F
- Free of DEHP, phthalates, BPA and conflict minerals
- Naturally transparent for visual contact with the flow



Silbrade® Silicone Hose

- Odorless, tasteless, and inert
- Excellent weatherability properties — resists U.V., ozone, gases, moisture and extreme temperatures
- Listed by the National Sanitation Foundation (NSF-51) for food equipment materials
- Free of BPA, latex and phthalates; REACH and RoHS compliant

Request a Fittings & Clamps catalog

Inside you'll find details on all of NewAge Industries' barbed fittings and clamps. Catalogs for PVC, polyurethane, silicone, fluoropolymer, rubber, and semi-rigid tubing and hose are available, as well as push-to-connect fittings and custom products. Contact your NewAge Industries' sales representative or local distributor to request a copy of the catalog you need, or visit www.newageindustries.com.



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