

## Coupling Selection & Ordering Guide

### Hydraulic Quick Couplings

	Valving	Body Size	Material* Br S S3 S6	Locking Mechanism	Std. Seal Material**	Temp Range**	Rated Pressure	
<b>General Purpose</b>								
60 Series	Poppet	1/8 - 2 1/2"	● ● ● ●	Ball	Buna-N (Nitrile)	-40° to +250° F	1000 to 5000 PSI	
60 Series Steam	Poppet	1/4 to 1"	●	Ball	Ethylene Propylene	-65° to +400° F	100 PSI	
6600 Series	Poppet	1/4 to 1"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	4000 to 5000 PSI	
SM Series	Poppet	1/4 to 3/4"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	4500 to 6000 PSI	
HP Series	Poppet	1 to 1 1/2"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	5000 PSI	
4000 Series	Poppet/Ball	1/4 to 1"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3000 PSI	
4200 Series	Poppet/Ball	3/8 to 1/2"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3000 PSI	
<b>Non-Spill</b>								
NS Series	Flush Face	3/8 to 1"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	2500 PSI	
Adapter	Flush Face/Poppet	1/2"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3000 to 3625 PSI	
FF Series	Flush Face	1/4 to 1"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3000 to 5000 PSI	
FE Series	Flush Face	1/2 to 5/8"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3625 PSI	
FEM Series	Flush Face	1/4 to 1"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3000 to 5000 PSI	
FS Series	Flush Face	1/4 to 1"		●	Ball	Fluorocarbon	-15° to +400° F	2000 PSI
<b>Non-Spill Connect Under Pressure</b>								
FC Series	Flush Face	3/8 to 3/4"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3000 PSI	
FEC Series	Flush Face	3/8 to 1"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3000 PSI	
6100 Series	Flush Face	3/4 to 1 1/2"	●	Threads	Buna-N (Nitrile)	-40° to +250° F	2000 to 3000 PSI	
<b>Connect Under Pressure</b>								
8200 Series	Poppet	1/2"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3000 PSI	
9200 Series	Poppet	1/2"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	3000 PSI	
5000 Series	Ball	1/2"	●	Threads	Buna-N (Nitrile)	-40° to +250° F	2500 PSI	
<b>High Pressure</b>								
FH Series	Flush Face	3/8"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	10,000 PSI	
3000 Series	Ball	1/4 to 3/8"	●	Threads	Polyurethane	-65° to +180° F	10,000 PSI	
TC Series	Poppet	3/8"	●	Ball	Fluorocarbon	-15° to +400° F	10,000 PSI	
1141 Series	Poppet	1/4"		●	Threads	Polyurethane	-40° to +180° F	10,000 PSI
<b>Mold Coolant</b>								
Moldmate	Valved & Unvalved	1/4 to 1/2"	●	Ball	Silicone	-20° to +400° F	200 PSI	
<b>Straight Thru</b>								
ST Series	Unvalved	1/8 to 1 1/2"	● ● ●	Ball	Buna-N (Nitrile)	-40° to +250° F	2500 to 6700 PSI	
WB Series	Unvalved	1/2"	●	Collet	Buna-N (Nitrile)	-40° to +250° F	10,000 PSI	
HO Series	Unvalved	1/4 to 1/2"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	10,000 to 15,000 PSI	
Water Service	Unvalved	3/4"	●	Ball	Buna-N (Nitrile)	-40° to +250° F	200 PSI	
<b>Special Purpose - Miniature</b>								
DM Series	Poppet	1/8"	●	Ball	Fluorocarbon	-15° to +400° F	250 PSI	

See Fluid Compatibility chart and/or consult factory for questions regarding proper material for specific applications.

\* Material Code: Br = Brass; S = Steel; S3 = 303 Stainless Steel; S6 = 316 Stainless Steel

**\*\*Optional Seals Seal Material Specific Coupling Series Using Optional Seal Suffix Designator at left**

W	Ethylene Propylene	60, 6600, 4000, 4200, 6100, 5000, 8200, 9200, ST
Y	Fluorocarbon	60, 6600, 4000, 4200, 6100, 5000, 8200, 9200, ST, Moldmate (if used with oil based media only)
Z	Neoprene	60, 6600, 4000, 4200, 6100, 5000, 8200, 9200, ST
E5	Ethylene Propylene	SM, HP, NS, FF, FE, FEM, FH, FS, WB, HO
E4	Fluorocarbon	SM, HP, NS, FF, FE, FEM, FH, FS (STD-no suffix needed), WB, HO, TC (Fluorocarbon only-no suffix needed)
E12	Neoprene	SM, HP, NS, FF, FE, FEM, FH, FS, WB, HO
E47	Kalrez®/Chemraz®	SM, HP, NS, FF, FE, FEM, FH, FS (Contact the division re: Perfluoroelastomer options) 3000 and 1141 with Polyurethane only (no suffix needed) Water Service (Buna-N only)

To select proper Seal Materials, see Fluid Compatibility chart in Appendices, or contact your Parker Quick Coupling Distributor.

Quick Coupling Division



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