



CONNECTION PERFORMANCE UNDER HEAT

60 Series Couplings for Food & Chemical Processing Applications

Food and chemical processing environments place real demands on equipment, from routine production to maintenance and service needs. Parker **60 Series** couplings offer a flexible hydraulic connection solution for food and chemical processing applications where performance, fit and reliability all matter.

Built to meet the ISO 7241 Series B standard, the **60 Series** provides general-purpose coupling performance for systems operating in high-demand processing environments.



High-Demand Processing

- Chemical-compatible materials
- General-purpose hydraulic performance
- ISO 7241 Series B standard
- Streamline maintenance

For the systems behind the process, **60 Series** couplings provide a practical connection built for demanding work.



Ordering Guide

B H 1 - 60 W

Material:

B = Brass
Blank = Steel
SH = 303 Stainless Steel
SS = 316 Stainless Steel
HD = Heavy Duty Steel

Series:

H = 60 Series

Coupling Body Size:

1 = 1/8" 4 = 1/2" 12 = 1-1/2"
2 = 1/4" 6 = 3/4" 20 = 2-1/2"
3 = 3/8" 8 = 1"

Seal Type:

Blank = Nitrile
W = Ethylene Propylene (EPR)
Y = Fluorocarbon
Z = Neoprene

Coupling Half:

60 = Coupler
61 = Nipple
62 = Coupler
63 = Nipple

60 SERIES WORKING PRESSURES (PSI) AND SPECS

Industry Standard: Parker 60 Series couplings comply with ISO 7241 Series B Standard.

ANSI/ISO Pressure Rating: Dynamic applications with normal to moderate hydraulic shocks such as general industrial equipment, hydraulic presses, agricultural equipment, etc. Impulse tested at a multiple (125% to 133%) of rated pressure.

Low Cycle, Non-pulsating Pressure Rating: Applications with lower cycle life and no severe cyclic pressure fluctuations, essentially steady pressure during an operating cycle. Typical applications include hydraulic jacks, mine roof support systems, and high pressure fluid transfer (pumping water or slurry in oil wells). Minor pump ripple is considered non-pulsating. Impulse tested at rated pressure.

Body Size	1/8	1/4	3/8	1/2	3/4	1	1 1/2	2 1/2	1/8	1/4	3/8	1/2	3/4	1	1 1/2	2 1/2
Rated Pressure (psi)									Rated Pressure (psi)							
Brass	1000	1000	1000	1000	1000	1000	800	800	3000	3700	2700	3500	2200	1500	1500	1200
Stainless steel	2000	2000	1500	1500	1500	1000	1000	1000	5000	5000	5000	5000	3000	3000	1500	1500
Steel	5000	5000	4000	4000	2500	2000	1000	1000	5000	5000	4000	4000	2500	2000	1500	1500
Steel w/ HD nipple	N/A	5000	4000	4000	3000	3000	N/A	N/A	5000	5000	4000	4000	3000	3000	N/A	N/A

Seal Temperature Range: **Nitrile:** -40°F to +250°F (Standard seal for Brass, Steel, & 303 Stainless Steel couplings).

Fluorocarbon: -15°F to +400°F (Standard seal for 316 Stainless Steel couplings).

Other Seal materials: Contact the Division for availability.

Vacuum Data: 27.4 inches Hg (-0.9 Bar) both connected and disconnected.

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(1-1/2" and 2-1/2" body size 60 Series couplings are not recommended for service in disconnected mode)

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