



Additional Data/Spec Sheet

Hydraulic Test Port Coupling – PD Series – Steel with Nitrile Seal

Couplers- Female Thread						
						
Body Size	Part Number	Thread Size	Overall Length	Wrench Flats	Largest Diameter	Weight
1/8	PD242	1/4-18 NPTF	2.12	0.81	0.96	0.25

Nipples- Male Pipe Thread							
							
Body Size	Part Number	Thread Size	Overall Length	Exposed Length	Wrench Flats	Largest Diameter	Weight
1/8	PD343	1/4-18 NPTF	1.48	0.78	0.69	0.79	0.06

Specifications - Body Size 1/8"		
Description	PD Coupler	PD Nipple
Part Number	PD242	PD361
Body Material (Steel)	Carbon Steel	High Tensile Steel
Rated Pressure (PSI)	6000	6000
Temperature Range (STD Seals) Nitrile	-40°F to +250°F	
Rated Flow (GPM)	—	—
Max. Recommended Flow (GPM)	—	—
Burst Pressure (PSI/Min)	23,000	40,000
Vacuum Data (Inches Hg)	27.5	27.5
Pressure Drop at Rated Flow (PSI) with 200 SUS Fluid	—	—
Spillage at 15 PSI (ml)-Assembly	0.1 per disconnect	
Air Inclusion (ml)-Assembly	0.02 per connect	
Connect Force-Assembly	41 Lbs. (100 PSI)	
Disconnect Force-Assembly	20 Lbs. (100 PSI)	

PD Series couplings provide easy connection for mechanical gauges or specialized diagnostic equipment like SensoControl®. Typically, PD or BPD nipples are permanently mounted in the system at threaded test ports, in rigid tubing or in hose assemblies. PD couplers are attached to test instruments. Couplers align to the mating nipples without threading. This allows gauges, transducers and other test equipment to be snapped into place without difficulty.

Note: Protective dust caps play a crucial role in the life of a quick coupling and no purchase is complete without the selection of an appropriate dust cap.

Features

- Flush-face poppet valves minimize air inclusion and spillage, provide easy-to-clean surfaces, and help to prevent contamination.
- Grip-tight knurled sleeves help to make connecting and disconnecting easy, even while wearing gloves.
- Nipples are machined from high tensile steel for strength to withstand 6000 PSI continuous operating pressure. BPD nipples offer features similar to the standard steel PD nipples.
- PD nipples are designed to meet or exceed SAE J1502 and ISO 15171-1 design and performance specifications.
- Nipples are also referred to as compuchek fittings. They are used to attach quick-connect fuel lines at various points in the fuel system such as the fuel system priming pump.