

Dry Gas Couplings

Applications:

- Designed for safe loading and discharge of bobtails or intermediate bulk delivery trucks and transfer to and from rail cars. Quick and easy to connect, can be connected to a tank unit with pressures up to **225 PSI** at ambient temperature (70°F). If the pressure is higher you can equip the couplings with a pressure relief valve. The easy to connect pressure relief valve dissipates trapped fluid pressure into the hose coupler without spillage. The primary application for dry gas couplings is in the handling of LPG - Propane and Butane.

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Features:

- safe handling of LPG
- easy to use and saves time
- reliable and easy to maintain
- can be coupled to a tank unit with pressures up to 225 PSI
- minimizes the risk of cold burns
- minimizes spillage and product loss
- minimizes health risks
- keeps the environment free of hazardous vapors and liquids
- compatible with existing dry disconnect couplings
- stainless steel and brass / gunmetal (*produced to US government bronze specification G*)
- FKM (FPM) seals
- female NPT, female ACME and ASA flanges
- working pressure: **360 PSI** at ambient temperature (70°F)
- composite (Polyeten PE-HD 300) plug to provide good protection in harsh environments

Coupler - Hose Unit

coupler x female NPT with FKM (FPM) seals



Female NPT	Body Size	316 Stainless Steel	
		Part #	Price/E
1"	56 mm	DGC100SS	\$2783.10
2"	71 mm	DGC200SS	4193.15
3"	119 mm	DGC300SS	5918.45

Dust Plugs for Couplers



Size	Body Size	Polyeten PE-HD 300	
		Part #	Price/E
1"	56 mm	DGDP100	\$100.85
2"	71 mm	DGDP200	115.90
3"	119 mm	DGDP300	115.90

Adapter - Tank Unit

adapter x female NPT with FKM (FPM) seals



female NPT x adapter

Female NPT	Body Size	316 Stainless Steel	
		Part #	Price/E
1"	56 mm	DGA100SS	\$999.20
2"	71 mm	DGA200SS	1301.95
3"	119 mm	DGA300SS	1439.95

adapter x female ACME thread with FKM (FPM) seals



female Acme x adapter

Female ACME	Body Size	316 Stainless Steel	
		Part #	Price/E
1 3/4"	56 mm	DGA100SS175	\$1217.25
3 1/4"	71 mm	DGA200SS325	1612.80

adapter x 150# ASA flange with FKM (FPM) seals



150# flange x adapter

150# Flange	Body Size	316 Stainless Steel	
		Part #	Price/E
1"	56 mm	DGA100SSFL	\$1637.70
2"	71 mm	DGA200SSFL	1742.80
3"	119 mm	DGA300SSFL	2010.60

Dust Caps for Adapters



Size	Body Size	Material	Part #	Price/E
1"	56 mm	polyeten PE-HD300	DGDC100	\$94.65
2"	71 mm	rubber	DGDC200	100.85
3"	119 mm	rubber	DGDC300	119.60