

ACCESSORIES

SWIVELS & O-RING COMPATIBILITY CHART

	Brass	Zinc Plated Steel	Electroless Nickel Plated Steel	Stainless Steel	Aluminum	Meloned Steel
Available Swivel I.D. Female NPT fittings (*BSPT fittings available)	1/4"	•	•			•
	3/8"	•	•		•	
	1/2"	•	•		•	
	3/4"	•			•	
	1"			•	•	
	1 1/2"			•	•	•
	2"			•	•	
Available Swivel Seals (Refer to O-Ring Compatibility Chart for desired application)	Buna	•	•	•	•	
	EPDM	•	•	•	•	
	Viton®	•	•	•	•	•
	AFLAS			•	•	

O-RING COMPATIBILITY CHART

Intended as a general guideline only. Users must test under their own operating guidelines to determine suitability. Please consult factory if your application is not listed.
1 = Recommended | 2 = Fair | 3 = Poor | 4 = Unsatisfactory

	ACETYLENE	AIR (-30°F TO +25°F)	AIR (+25°F TO 200°F)	AIR (200°F TO 300°F)	AIR (300°F TO 400°F)	ANTIFREEZE	FUEL OIL / KEROSENE	GREASE (PETROLEUM BASED)	HYDROCHLORIC ACID	MOTOR OIL (PETROLEUM BASED)	NATURAL GAS	NITROGEN	OXYGEN (200°F TO 300°F)	OXYGEN (COLD)	PESTICIDES	STEAM (BELOW 300°F)	STEAM (300°F TO 400°F)	SEWAGE	SEA WATER	WATER (UP TO 200°F)
➤	1	1	1	3	4	2	1	1	3	1	1	1	4	2	2	4	4	1	1	1
➤	1	1	1	2	4	1	4	4	2	4	4	1	4	2	4	1	2	1	1	1
➤	1	2	1	1	1	2	1	1	1	1	1	2	1	1	2	3	2	2	2	
➤	1	3	1	1	1	1	2	2	1	2	1	1	4	2	1	3	3	1	1	1

Brass Swivels

CNC machined from solid brass swivels are built for general multi-purpose applications. Configured in a 90 degree fluid path with full flow designed. Working pressure up to 3000 PSI & -40°F to 400°F.

Zinc Plated Steel Swivels

Machined from strong low carbon steel and configured in a 90 degree fluid path with full flow designed. Zinc plated steel swivels are recommended for non-corrosive applications. Working pressure up to 5000 PSI & -40°F to 400°F.

Electroless Nickel Plated Steel Swivels

Machined from strong low carbon steel and configured in a 90 degree fluid path with full flow designed. Nickel plated steel swivels are recommended for mildly corrosive applications. Working pressure up to 4000 PSI & -40°F to 400°F.

Stainless Steel Swivels

Machined from high quality, pure 316 stainless steel and configured in a 90 degree fluid path with full flow design. Stainless steel swivels offer superior corrosion protection. Working pressure up to 5000 PSI & -40°F to 400°F.

Aluminum Swivels

Machined from lightweight aluminum and configured in an in-line fluid path with full flow design. Working pressure up to 600 PSI & -40°F to 400°F.

Meloned Steel Swivels

Configured in a 90 degree fluid path with 1/4" ports, meloned steel swivels are used for hydraulic applications. Working pressure up to 10,000 psi & -5°F to 400°F.

*Temperature rating depends on the seal type selected

HOSE UPGRADES

Nitrile Hose

Premium high quality, oil resistant, multi-purpose hose that is excellent for air and water service and many other chemical applications. The high tensile textile cord reinforcement provides excellent kink resistance. This industrial grade hose exceeds RMA Class A-High Oil Resistance requirements. Electrically non-conductive with a minimum resistance of one megohm per inch at 1000 volts DC. Temperature Range: -20°F to +212°F.

SUFFIX	TUBE MATERIAL	COVER	REINFORCEMENT BRAIDS	I.D.	O.D.	PSI	WEIGHT (LBS/FT.)
OG	Black Nitrile	Black Neoprene	2 Textile Spirals	1/4"	1/2"	300	0.12
OG	Black Nitrile	Black Neoprene	2 Textile Spirals	3/8"	1 1/16"	300	0.17
OG	Black Nitrile	Black Neoprene	2 Textile Spirals	1/2"	27/32"	300	0.26
OG	Black Nitrile	Black Neoprene	4 Textile Spirals	3/4"	15/32"	300	0.39

EPDM Hose

Versatile general purpose hose that is excellent for air and water service and many agricultural chemical transfer applications. The EPDM tube and cover resists heat, sunlight, ozone and weathering. The high tensile textile cord reinforcement provides excellent kink resistance. This industrial grade hose exceeds RMA class C medium oil resistance requirements. Temperature Range: -40°F to +212°F. ***NOT SUITABLE FOR THE TRANSFER OF PETROLEUM PRODUCTS.**

SUFFIX	TUBE MATERIAL	COVER	REINFORCEMENT BRAIDS	I.D.	O.D.	PSI	WEIGHT (LBS/FT.)
RH	Black EPDM	Red EPDM	2 Textile Spirals	1/4"	1/2"	300	0.12
RH	Black EPDM	Red EPDM	2 Textile Spirals	3/8"	1 1/16"	300	0.17
RH	Black EPDM	Red EPDM	4 Textile Spirals	1/2"	27/32"	300	0.25
RH	Black EPDM	Red EPDM	4 Textile Spirals	3/4"	15/32"	300	0.37

DEF Hose

DEF dispensing hose with stainless steel fittings is designed to convey the high-purity, aqueous urea solution DEF (Diesel Exhaust Fluid). Hose tube compound is specially formulated with low extraction EPDM and peroxide cured to provide superior extraction levels to significantly reduce contamination that can clog a selective catalytic reduction (SCR) system and stop diesel engine of a vehicle. Verified to meet ISO 22241-1. Temperature Range: -40°F to +257°F. Available in 25' & 50' lengths

SUFFIX	TUBE MATERIAL	COVER	REINFORCEMENT BRAIDS	I.D.	O.D.	PSI	WEIGHT (LBS/FT.)
DF	Peroxide cured, low extraction, EPDM	Peroxide cured, low extraction, EPDM	Polyester braid	3/4"	1 1/8"	300	0.30

*Stainless steel swivel with Viton® seals is required for DEF applications. **Consult factory for different hose length.

ADAPTORS & REDUCERS

Adaptors are used where the size of the connection device is larger than, or of an equivalent size, to the entry thread of the enclosure.

Reducers are used where the thread size of the entry device is smaller than the entry thread of the enclosure.

REDUCERS

PART NO.	END FITTING	DESCRIPTION	PSI
10780	NPT	3/8" NPT-Female x 1/4" NPT-Male	300 MAX
7541	NPT	1/2" NPT-Male x 1/4" NPT-Female	150 MAX
7545	NPT	1/2" NPT-Male x 3/8" NPT-Female	200 MAX
7845	NPT	1" NPT-Female x 1/2" NPT-Female	3,000 MAX
7845-1	NPT	1" NPT-Male x 3/4" NPT-Female	3,000 MAX
1578	NPT	1 1/2" NPT-Male x 1 1/4" NPT-Female	300 MAX

ADAPTORS

10781	GHT	1/2" NPT - Female x 3/4" Garden - Male	250 MAX
10782	GHT	1/2" NPT - Male x 3/4" Garden - Male	250 MAX
10783	GHT	3/4" NPT - Male x 3/4" Garden - Male	250 MAX
10784	NPT	1" NPT - Male x 1" NPT-Male	4,000 MAX
7540	NPT	1/2" NPT - Male x 3/4" NPT - Female	6,000 MAX
7540-1	NPT	1/2" NPT - Male x 1/4" NPT - Female	6,000 MAX
7765-1	NST	1" NPT - Male x 1" NST - Male	300 MAX
7765-2	NST	1 1/2" NPT - Male x 1 1/2" NST - Male	300 MAX
7817	JIC	1/2" NPT - Male x 7/16-20 (-5) JIC	4,000 MAX
7818	JIC	3/8" NPT - Male x 1/2-20 (-4) JIC	4,000 MAX
7821	BSP	1/2" -14 NPT - Male x 1/4" 19 BSP - Female	4,500 MAX
7848	NPT	1/2" -14 NPT - Male x M14 1 1/2" Female	6,000 MAX
8165	Victaulic	2" NPT - Male x Victaulic	1,000 MAX