

# ACCESSORIES *SPRING DRIVEN, HAND CRANK & MOTORIZED REELS*

## SWIVELS & O-RING COMPATIBILITY CHART

	Brass	Zinc Plated Steel	Electroless Nickel Plated Steel	Stainless Steel	Aluminum	Melonized Steel
<b>Available Swivel I.D. mm</b>	6	•	•			•
	10	•	•	•		
	13	•	•	•		
	19	•			•	
	25			•	•	
	38			•	•	•
51			•	•		
<b>Available Swivel Seals</b> (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 (-34°C TO -4°C)	AIR (-4°C TO 93°C)	AIR (93°C TO 149°C)	AIR (149°C TO 204°C)	ANTIFREEZE	FUEL OIL / KEROSENE	GREASE (PETROLEUM BASED)	HYDROCHLORIC ACID	MOTOR OIL (PETROLEUM BASED)	NATURAL GAS	NITROGEN	OXYGEN (83°C TO 149°C)	OXYGEN (COLD)	PESTICIDES	STEAM (BELOW 149°C)	STEAM (149°C TO 204°C)	SEWAGE	SEA WATER	WATER (UP TO 93°C)
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	1	2	1	1	2	3	2	2	2
1	3	1	1	1	1	2	2	1	2	1	1	4	2	1	2	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 207 BAR & -40°C to 204°C\*.



**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 345 BAR & -40°F to 204°C\*.



**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 276 BAR & -40°C to 204°C\*.



**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 346 BAR & -40°C to 204°C\*.



**Aluminum Swivels**

Machined from lightweight aluminum and configured in an in-line fluid path with full flow design. Working pressure up to 41 BAR & -40°C to 204°C\*.



**Melonized Steel Swivels**

Configured in a 90 degree fluid path with 6 mm ports, melonized steel swivels are used for hydraulic applications. Working pressure up to 689 BAR & -20°C to 204°C\*.

\*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. mm	O.D. mm	BAR	WEIGHT (Kg/m.)
OG	Black Nitrile	Black Neoprene	2 Textile Spirals	6	13	21	0.18
OG	Black Nitrile	Black Neoprene	2 Textile Spirals	10	17	21	0.25
OG	Black Nitrile	Black Neoprene	2 Textile Spirals	13	21	21	0.39
OG	Black Nitrile	Black Neoprene	4 Textile Spirals	19	29	21	0.58

### 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. mm	O.D. mm	BAR	WEIGHT (Kg/m.)
RH	Black EPDM	Red EPDM	2 Textile Spirals	6	13	21	0.18
RH	Black EPDM	Red EPDM	2 Textile Spirals	10	17	21	0.25
RH	Black EPDM	Red EPDM	4 Textile Spirals	13	21	21	0.37
RH	Black EPDM	Red EPDM	4 Textile Spirals	19	29	21	0.55

### 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. mm	O.D. mm	BAR	WEIGHT (Kg/m.)
DF	Peroxide cured, low extraction, EPDM	Peroxide cured, low extraction, EPDM	Polyester braid	19	29	21	0.45

\*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	BAR
10780	NPT	10 mm NPT-Female x 6 mm NPT-Male	21
7541	NPT	13 mm NPT-Male x 6 mm NPT-Female	10
7545	NPT	13 mm NPT-Male x 10 mm NPT-Female	14
7845	NPT	25 mm NPT-Male x 13 mm NPT-Female	207
7845-1	NPT	25 mm NPT-Male x 19 mm NPT-Female	207
1578	NPT	38 mm NPT-Male x 32 mm NPT-Female	21

### ADAPTORS

PART NO.	END FITTING	DESCRIPTION	BAR
10781	GHT	13 mm NPT - Female x 19 mm Garden - Male	17
10782	GHT	13 mm NPT - Male x 19 mm Garden - Male	17
10783	GHT	19 mm NPT - Male x 19 mm Garden - Male	17
10784	NPT	25 mm NPT - Male x 25 mm NPT-Male	276
7540	NPT	13 mm NPT - Male x 19 mm NPT - Female	414
7540-1	NPT	13 mm NPT - Male x 6 mm NPT - Female	414
7765-1	NST	25 mm NPT - Male x 25 mm NST - Male	21
7765-2	NST	38 mm NPT - Male x 38 mm NST - Male	21
7817	JIC	13 mm NPT - Male x 7/16-20 (-5) JIC	276
7818	JIC	10 mm NPT - Male x 1/2-20 (-4) JIC	276
7821	BSP	13 mm -14 NPT - Male x 6 mm 19 BSP - Female	310
7848	NPT	13 mm - 14 NPT - Male x M14 1.50 Female	414
8165	Victaulic	51 mm NPT - Male x Victaulic	69

