

### Chlorine Transfer Hose



**Accord** offers a complete line of annular corrugated metal hose in a wide variety of alloys, sizes and extra long unsegMonel 400 hose and braid

Meets Chlorine Institute specifications

Fully tested and prepared for shipping

Tough demanding applications such as chlorine transfer require a precision fabricated hose assembly that meets the requirements of The Chlorine Institute specifications 135-3 and Pamphlet 6. Accord fabricates Chlorine Transfer hoses utilizing Monel 400. Monel 400 has excellent resistance to dry chlorine gas. Hose assemblies are fabricated using a single or double layer of Monel braid. A stainless steel interlock casing is provided to protect the braid from damage. Chlorine Transfer hoses are supplied with fittings of Monel 400 Schedule 80 material in either pipe or with stub ends and steel floating flanges.

When specified, Chlorine Transfer assemblies are tested, cleaned, ends capped, bagged and tagged per The Chlorine Institute requirements.

#### Correction Factors for Elevated Temperatures of Type SS3161 & SS31612 Hose Assemblies

As the operating temperatures of a hose assembly increases the maximum working pressure decreases. Pressure ratings in the data sections of this catalog are valid at 70°F. For operating temperatures in excess of 70°F the maximum working pressure must be decreased according to the Correction Factors chart list below.

#### Correction Factors Chart

Apply to pressure rating for elevated temperatures.

Temperature F°	Stainless Steel
70	1.00
150	0.97
200	0.94
250	0.92
300	0.88
350	0.86
400	0.83
450	0.81
500	0.78
600	0.74
700	0.70
800	0.66
900	0.62
1000	0.60
1100	0.58
1200	0.55
1300	0.50
1400	0.44
1500	0.40

Maximum Service Temperature for 316 AISI Stainless Steel Type is 1500°F.

1. Determine maximum operating temperature.
2. Locate appropriate correction factor on chart.
3. Multiply correction factor by maximum working pressure at 70°F PSIG specified for desired product.