

Chemical & Acid Hose



ULTRA

ULTRA CHEM

Application:

The UHMW tube provides an extremely flexible chemical suction and discharge hose that will handle 98% of all common industrial chemicals. Suitable for full vacuum.

Construction:

Tube - Ultra high molecular weight polyethylene (UHMW)
 Reinforcement - Multiple synthetic textile cords and a dual wire helix
 Cover - Green EPDM
 Branding - "Thermoid/HBD Industries, Inc. Transporter Ultra-chem PSI WP Made in USA"

Temperature Range:

-29°C to +82°C (-20°F to +180°F)

Standard Lengths:

100ft cut to multiples of 5ft

* Reduced pressure ratings are advised when handling hot, extremely corrosive chemicals.

* Working pressures shown are based on using a permanent type coupling such as swage or internally expanded.

* For branding type couplings, the working pressure should be reduced to 65% of the pressure listed below.

Parts No.	I.D. Inches	O.D. Inches	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
ULTRA-1	1	1.47	4	250	0.53
ULTRA-1.25	1-1/4	1.78	4	250	0.75
ULTRA-1.5	1-1/2	2.08	4	250	0.96
ULTRA-2	2	2.58	6	250	1.30
ULTRA-3	3	3.66	9	200	2.09



AC

CHEM MAXX

Application:

Will handle 90% of known chemicals and petroleum products in both suction and discharge applications.

Construction:

Tube - Translucent smooth cross-linked polyethylene (XLPE)
 Reinforcement - High tensile wire helix between two layers of synthetic cords
 Cover - Green smooth EPDM chemical resistant rubber
 Branding - Green Stripe "CHEM MAXX XLPE CHEMICAL HOSE 240 P.S.I."

Temperature Range:

-29°C to +66°C (-20°F to +150°F) or -29°C to +82°C (-20°F to +180°F)
 Depending on media being conveyed

Standard Lengths:

50ft / 100ft

* Reduced pressure ratings are advised when handling hot, extremely corrosive chemicals.

* Working pressures shown are based on using a permanent type coupling such as swage or internally expanded.

* For branding type couplings, the working pressure should be reduced to 65% of the pressure listed below.

Parts No.	I.D. Inches	O.D. Inches	Bend Radius Inches	Max W.P. PSI	Approx. Wt. Per. Ft. Lbs.
AC-.75	3/4	1.26	6	150	0.48
AC-1	1	1.50	8	150	0.69
AC-1.25	1-1/4	1.79	10	150	0.83
AC-1.5	1-1/2	2.05	12	150	1.03
AC-2	2	2.58	16	150	1.42
AC-2.5	2-1/2	3.08	25	150	1.73
AC-3	3	3.58	30	150	2.21
AC-4	4	4.65	40	150	3.46

