

Hose information is subject to change. For full details, visit our website or contact Customer Service.

TRANSPORTER® ULTRA-CHEM™

Transporter Ultra-Chem hose has been engineered to be extremely flexible. This hose will handle 98% of all common industrial chemicals. Ultra-Chem is ideal for pressure, gravity flow and suction service. This hose has been rated at **full vacuum**. The green EPDM cover is abrasion and chemical resistant. This hose can also come with a black EPDM cover.

NOTE: See caution information below regarding chemical application temperatures, working pressure and hose assemblies. Also review Chemical Hose Warnings on pages 29 and 148 in Thermoid Industrial Rubber Products Catalog.



Resistance:
Branding:
Thermoid HBD Industries Transporter Ultra-Chem XXX PSI WP Made In USA

- Cover Color:** Green
- Oil Resistance:** High at 70°F, not rated at 140°F
- Construction:**
 - Tube:** UHMWPE backed with compatible rubber layer
 - Cover:** EPDM
 - Reinforcement:** Multiple synthetic textile cords and a dual wire helix(es).
- Temperature Range:** For most chemicals: -40°F /-40°C to +250°F/121°C. See caution warnings below and Chemical Resistance Guide (Pages 139-147) in Thermoid's Industrial Rubber Products Catalog.
- Packaging:** 100 ft. maximum

Product Number	Nominal I.D.		Nominal O.D.		Plies	Working Pressure		Min. Bend Radius		Weight	
	(inches)	(mm)	(inches)	(mm)		(psi)	(Mpa)	(inches)	(mm)	(lb/ft)	(Kg/m)
Green											
17709008002	1	25.40	1.47	36.75	2	250	1.72	4.00	101.60	0.53	0.79
17709009002	1-1/4	31.75	1.78	44.50	2	250	1.72	4.00	101.60	0.75	1.12
17709010002	1-1/2	38.10	2.08	52.00	2	250	1.72	4.00	101.60	0.96	1.43
17709012002	2	50.80	2.58	64.50	2	250	1.72	6.00	152.40	1.30	1.93
17709013002	2-1/2	63.50	3.13	78.25	2	200	1.38	8.00	203.20	1.77	2.63
17709014002	3	76.20	3.66	91.50	2	200	1.38	9.00	228.60	2.09	3.11
17709016002	4	101.60	4.70	117.50	2	150	1.03	12.00	304.80	2.92	4.35
17709018002▲	6	152.40	6.90	172.50	4	150	1.03	30.00	762.00	5.77	8.59
Black											
17709300002	1	25.40	1.47	36.75	2	250	1.72	4.00	101.60	0.52	0.77

▲ = Make To Order (MTO)



Hose chemical resistance (and working pressure) may decrease at elevated temperatures. Most chemicals become more aggressive and hose material resistance to them decreases at higher temperatures, and proper coupling, hose handling and maintenance becomes even more critical. HBD/Thermoid recommends only permanent type couplings such as permanent crimp, swaged or internally expanded fittings with Ultra-Chem hose. HBD/Thermoid does not recommend the use of banded couplings with Ultra-Chem hose. Responsibility lies with the user to ensure the hose, fitting type and coupling procedure is compatible with a given application. The user should refer to the NAHAD Industrial Hose Assembly Guidelines, including Publication 510, the coupling manufacturer's directions and guidelines, and the HBD/Thermoid Industrial Rubber Products catalog.



Working pressures shown in the table above refer to standard working pressures for straight end hose at 70°F/21°C with permanent crimp, swaged or internally expanded fittings.