

# CTHK - Teflon® Convoluted Bore Chlorine Hose

**Inner core:** "Seamless" conductive convoluted Teflon® PTFE

**Reinforcement:** Kynar® double braid

**Temperature:** -40 °F to 350 °F

**External Protection:** HDPE plastic spiral guard

## Construction

Extra-thick, "seamless" helical convoluted Teflon® PTFE liner braided with Kynar PVDF, and HDPE spiral guard as a protective cover (per the Chlorine Institute pamphlet 6 guidelines.)

## Benefits

- Fully complies with the guidelines of The Chlorine Institute Pamphlet 6, Appendix A for Chlorine Transfer Hose
- Open pitched, helical convolutions for easy cleaning
- Rated for full vacuum
- Designed to handle the rigors of everyday handling at chlorine transfer stations
- Tighter bend radii than smooth bore alternatives

## Applications

For use with Chlorine/Bromine transfers from shipping containers to stationary equipment (rail, truck, and cylinder) and cylinder filling stations.

## Fittings: Monel® Crimp Style

Hastelloy® also available. Consult factory.



Threaded



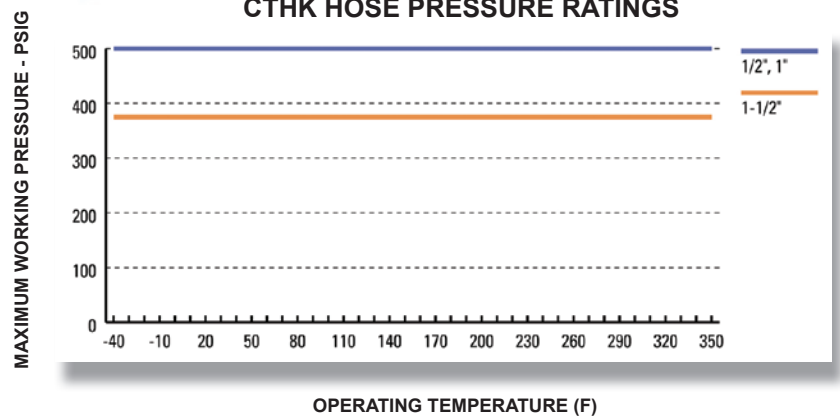
Flanged (300 lb.)



CGA 820 (1/2" hose only)

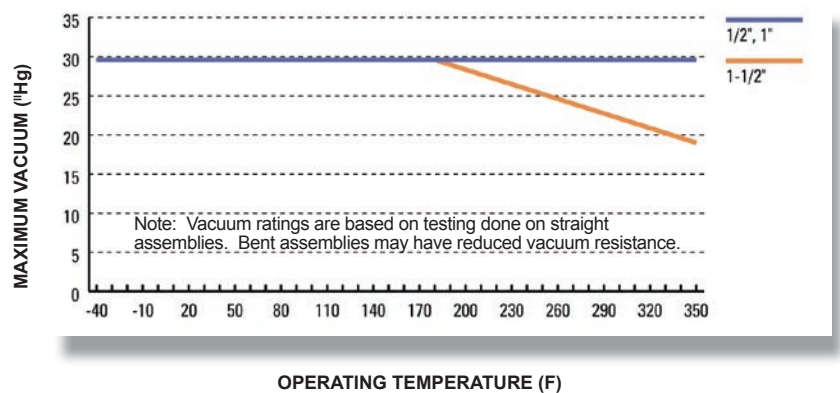


## CTHK HOSE PRESSURE RATINGS



**NOTE:** Hose assembly pressure ratings may be limited by the fittings.

## CTHK HOSE VACUUM RATINGS



Nominal Size		Hose ID		Hose OD		Bend Radius		Max. Working Pressure at 70°F (21°C)		Burst Pressure at 70°F (21°C)		Weight Lbs / Ft
Inch	DN	Inch	MM	Inch	MM	Inch	MM	PSIG	BAR	PSIG	BAR	
1/2	15	0.470	11.9	0.748	19.0	2	50.8	500	34.5	2500	172.4	.15
1	25	0.970	24.6	1.354	34.4	4	101.6	500	34.5	2500	172.4	.33
1-1/2	40	1.540	39.1	2.034	51.7	6	152.4	375	25.9	1875	129.3	.60

Hose Size

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1/2"	08
1"	16
1-1/2"	24

Fitting Type

CGA820(1/2" Only)  
MNPT Monel  
MNPT Hastelloy  
Monel/Monel Flg  
Monel/Hast Flg  
Monel/CS Flg  
Hast/CS Flg

Fitting #

2 3 M 0  
1 0 M 0  
1 0 H 0  
3 0 M R  
3 0 H H  
3 0 M B  
3 0 H B

Fitting #1

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Fitting #2

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Assembly Length

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Example:  
Hose Length = 12-1/2"  
Length Code = 00124

Accessory Code

E	
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HDPE Spiral Guard: E  
Other Accessories See Page 39