

CH12 UHMW CHEMICAL HOSE



- Tube:** Black smooth (UHMW) Ultra High Molecular Weight Polyethylene - electrically conductive (EN2115)
- Reinforcement:** High tensile textile cord and steel wire helix
- Cover:** Flat corrugated green EPDM
- Temperature:** -35°C to +95°C (-31°F to +203°F)
 Steam cleaning without pressure up to 130°C / 265°F max 30 min.
- Application:** CH12 will handle 94% of common chemical, petroleum, and DEF products in both suction and discharge applications. Corrugated cover makes for greater flexibility.
- Branding:** CH12-200 2" UHMW CHEMICAL HOSE MAX 230 PSI - EN 12115

Part Number	ID		OD		Max WP	Vacuum Inches	Min BR	Weight	Standard Pack
	in	mm	in	mm	psi	Hg	in	lbs/ft	
CH12-100	1	25.4	1.47	37.4	230	26	5.0	0.54	100' - Coil
CH12-125	1-¼	31.8	1.72	43.7	230	26	6.3	0.67	100' - Coil
CH12-150	1-½	38.1	2.01	51.1	230	26	7.5	0.77	100' - Coil
CH12-200	2	50.8	2.63	66.8	230	26	11.0	1.11	100' - Coil
CH12-300	3	76.2	3.63	92.2	230	26	18.0	1.90	100' - Coil
CH12-400	4	101.6	4.63	117.6	230	26	24.0	2.70	100' - Coil

CH12 UHMW CHEMICAL ASSEMBLIES

Part Number	Hose Size	316 Stainless Fitting A	316 Stainless Fitting B	Length	Attaching Method
				ft	
CH12-100CE20-S6	1	C	E	20	Crimp
CH12-200CE20-S6	2	C	E	20	Crimp
CH12-300CE20-S6	3	C	E	20	Crimp
CH12-400CE20-S6	4	C	E	20	Crimp

Other lengths and fitting combinations are available.

⚠ WARNING!

- The temperature of the medium must be lower than its boiling point.
- Consult the Chemical Resistance Guide for compatibility.

BECAUSE WE CONTINUALLY EXAMINE WAYS TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT NOTICE.



CH22 CHEMFLEX - PTFE

- Tube:** Smooth FEP (PTFE material)
- Reinforcement:** A high tensile steel helix embedded between layers of textile cords
- Cover:** Blue Synthetic weather and abrasion resistant rubber
- Temperature:** -40°C to +148°C (-40°F to +300°F)
- Application:** Use in chemical, pharmaceutical, food & beverage transfer, pulp & paper industries.

Part Number	ID		OD		Max WP	Min BR	Weight	Standard Pack
	in	mm	in	mm	psi (20°C / 70°F)	in	lbs/ft	
CH22-100	1	25.4	1.00	25.4	400	6.0	0.64	Random
CH22-150	1-½	38.1	2.00	50.8	350	10.0	1.01	Random
CH22-200	2	50.8	2.50	63.5	300	12.0	1.40	Random

⚠ WARNING!

- Consult the Chemical Resistance Guide for compatibility.

CH30 WEED SPRAY



- Tube:** Yellow PVC
- Reinforcement:** High tensile strength yard, braided
- Cover:** Yellow ribbed PVC
- Temperature:** (-5°C to +65°C) 23°F to +150°F
- Application:** PVC spray hose used for agricultural spraying, pest spraying, nursery spraying and wash-down applications. Ribbed PVC cover minimizes drag resistance. Long standard one piece lengths are available for use on reels.






Part Number	ID		OD		Max WP	Weight	Standard Pack
	in	mm	in	mm	psi	lbs/ft	
CH30-038-300YW	3/8	9.5	0.65	16.5	800	0.11	300' - Coil
CH30-038-400YW	3/8	9.5	0.65	16.5	800	0.11	400' - Coil
CH30-038-500YW	3/8	9.5	0.65	16.5	800	0.11	500' - Coil
CH30-050-300YW	1/2	12.7	0.81	20.6	800	0.16	300' - Coil
CH30-050-400YW	1/2	12.7	0.81	20.6	800	0.16	400' - Coil
CH30-050-500YW	1/2	12.7	0.81	20.6	800	0.16	500' - Coil
CH30-075-300YW	3/4	19.0	1.41	29.0	800	0.29	300' - Coil
CH30-075-400YW	3/4	19.0	1.41	29.0	800	0.29	400' - Coil

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TBR SMOOTH BORE TEFLON/STAINLESS STEEL WIRE

Tube: Smooth FDA Compliant PTFE (.030 wall)
Cover: One braid of 304 stainless steel wire braid
Temperature: -60°C to +232°C (-76°F to +450°F) continuous
Application: Automotive, plastic injection molding, food & beverage, bus/truck, paints and solvents, hydraulics.






Part Number							One Piece Couplings
	ID	OD		Max WP	Min BR	Weight	
	in	in	mm	psi	in	lbs/ft	
TBR-03	3/16	0.30	7.6	2,750	2.0	0.07	T
TBR-04	1/4	0.35	8.8	2,610	3.0	0.10	T
TBR-05	5/16	0.43	11.0	2,540	4.0	0.11	T
TBR-06	3/8	0.48	12.1	2,390	5.0	0.12	T
TBR-08	1/2	0.64	16.2	1,740	6.6	0.15	T
TBR-10	5/8	0.74	18.8	1,270	8.0	0.17	T
TBR-12	3/4	0.91	23.1	1,010	9.2	0.20	T
TBR-16	1	1.15	29.2	870	12.0	0.30	T

Note: TBR-03 thru -08 sizes are rated for full vacuum.



TBX CONVOLUTED SMOOTH BORE TEFLON STAINLESS

Tube: Smooth black static conductive PTFE
Cover: One braid of 304 stainless steel wire braid
Temperature: -60°C to +232°C (-76°F to +450°F) continuous
Application: Automotive, plastic injection molding, food & beverage, bus/truck, paints and solvents, hydraulics.

Part Number							One Piece Couplings
	ID	OD		Max WP	Min BR	Weight	
	in	in	mm	psi	in	lbs/ft	
TBX-06C	3/8	0.53	13.5	1,160	1.0	0.10	T
TBX-08C	1/2	0.69	17.5	870	1.5	0.15	T
TBX-12C	3/4	0.95	24.2	870	2.5	0.26	T
TBX-16C	1	1.25	31.7	725	3.0	0.36	T

⚠ WARNING!

- Consult the Chemical Resistance Guide for compatibility.

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