

# CPB—Convuluted Polypropylene Braided

**Inner core:** “Seamless” convuluted *Teflon*® PTFE

**Reinforcement:** Blue polypropylene, UV-stabilized braid

**Temperature:** -20 °F to 250 °F

## Construction

Seamless helically formed convuluted *Teflon*® PTFE tube reinforced with high density polypropylene braid and Crimped Style fittings.

## Benefits

- Open-pitched, helical convolutions for easy cleaning
- Rated for both medium pressure and full vacuum applications
- Crush resistant and easy to flex
- Tighter bend radii than smooth bore alternatives
- Abrasion resistant braid
- Reduced risk of hand injury from metal braids
- Optional Wire Wrap provides increased crush resistance, kink resistance and bend radius \* see description on page 9

## Applications

For pharmaceutical, chemical, food and beverage, and other applications requiring an extremely flexible, lightweight *Teflon*® PTFE hose assembly, with better abrasion resistance than metal braids.

## Fittings: Crimp Style



Threaded Flanged Cam & Groove Sanitary Industrial Special

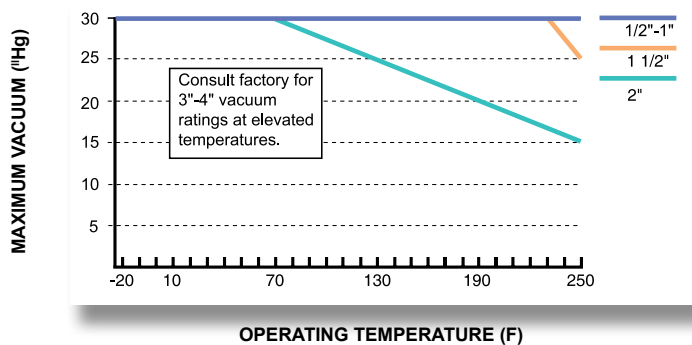
## External Protective Accessories

See page 39



(natural liner shown)

## CPB HOSE VACUUM RATINGS



Figures for both CPB and CPBF products

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/ Foot
Inch	DN	Inch	MM	Inch	MM	Inch	MM	PSIG	BAR	PSIG	BAR	
1/2	15	0.470	11.9	0.855	21.7	2	50.8	475	32.7	1900	131	.10
3/4	20	0.720	18.3	1.160	29.5	2.75	69.9	425	29.3	1700	117.2	.18
1	25	0.970	24.6	1.440	36.6	4	101.6	375	25.8	1500	103.4	.26
1-1/2*	40	1.540	39.1	2.155	54.7	6	152.4	325	22.4	1300	89.6	.46
2*	50	1.970	50.0	2.560	65.0	7.5	190.5	275	19	1100	75.8	.52
3	75	2.913	74.0	3.922	99.6	14	355.6	225	15.5	900	62	1.12
4	100	3.937	100.0	5.221	132.6	16	406.4	100	6.9	400	27.6	1.98

Note: \* 1-1/2" and 2" Flared Thru assemblies may have reduced nominal size - Consult factory