

PTFE Hose - CONPRO

Convuluted PTFE

Part No.: CONPRO

Construction: Convuluted

Profile: High Flexibility / Low Pressure

Tube Available: PTFE Virgin / Anti-static Inner Tube

Braid Available: Polypropylene

Size Available: 1/2" - 3"

Temperature: -70°C to 260°C

Sintered/Permeation: Slow Sintered (medium level of permeation)

Low | Med | High

Flexibility 

Cycle Life 

Pressure Rating 

Chemical Resistance 

Wall Thickness 

Construction

Use:

High corrosive environment. Conpro is more suited to use in more arduous applications throughout the process plant industry. Polypropylene braid produces a low electrically conductive assembly.



Standards:

USP Class VI compliance PTFE resin used in tubing,
FDA Approved, Accepted by the U.S. Coast Guard,
PTFE Perfluorocarbon Resins meets FDA 21 CFR 177.1550

Specifications

Temperature Correction Factor													
-60	-40	-20	0	20	50	100	120	150	180	200	220	250	260
1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.93	0.93	.85	0.85	0.77	0.77	0.70

Part Number	Size	Internal Diameter	Wall Thickness	Outside Diameter (mm)		Min. Bend Radius	Standard Max. Working Pressure		Min. Burst Pressure	
	inch	mm	mm	Tube	Braid	mm	kPa	bar	kPa	bar
CONPRO-12	1/2"	11.6	0.89	13.38	21.4	50	1000	10	4000	40
CONPRO-15	5/8"	15.1	0.89	16.88	26.3	65	1000	10	4000	40
CONPRO-20	3/4"	19.5	1	21.5	31.1	55	1000	10	4000	40
CONPRO-25	1"	24.5	1.1	26.7	36.7	85	1000	10	4000	40
CONPRO-32	1 1/4"	31.5	1.15	33.80	44.4	100	1000	10	4000	40
CONPRO-40	1 1/2"	36.5	1.45	39.4	49.7	120	1000	10	4000	40
CONPRO-45	1 3/4"	44.5	1.45	47.40	58.3	135	1000	10	4000	40
CONPRO-50	2"	49.5	1.5	52.5	62.5	165	800	8	3200	32
CONPRO-65	2 1/2"	62.5	1.6	65.7	83.4	230	700	7	2800	28
CONPRO-80	3"	73.5	1.6	76.7	92.9	260	600	6	2400	24

Applications

