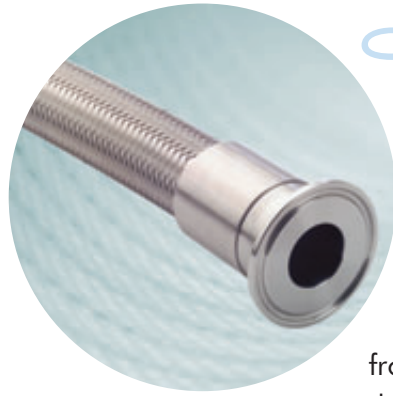


APFOS STAINLESS STEEL OVERBRAIDED PTFE HOSE

WHITE PTFE OR BLACK CONDUCTIVE PTFE CORE;
SMOOTH OR CONVOLUTED I.D.



Stainless steel overbraided PTFE hose is constructed of virgin material with a series 300 stainless steel wire braid reinforcement jacket. The fluoropolymer core is inert and offers long flexural life, low permeability, non-flammability, and the lowest coefficient of friction of any solid material. The stainless steel overbraid permits higher pressure uses, reduces the possibility of kinking, and generally protects the core. Optional silicone jacketing offers protection from high temperatures during handling and keeps the outer surface clean and smooth.



KEY FEATURES

- True I.D. PTFE Smooth Core offers maximum flow; Convoluted Core offers excellent flow with enhanced flexibility
- Stock sizes for True I.D. Smooth Core: 1/4 in. through 1-1/2 in.; Convoluted Core: 1/2 in. through 4 in.
- General temperature range: -65°F (-53.9°C) to 450°F (232.2°C)
- Imparts no taste or odor to critical streams
- Easily cleaned or sterilized by autoclave, steam, or detergent
- Optional silicone jacketing makes stainless steel reinforced hose easier to handle by offering heat protection
- Silicone jacketing also provides a smooth outer surface to eliminate particle entrapment for sanitary conditions
- Full line of crimp fittings offered
- Custom lengths, sizes, other overbraiding materials, special cleaning, and/or packaging is available
- Custom crimped-on or flare-through assemblies offered
- Add stainless steel armor casing or cuffs for an extra layer of protection from crushing, kinking, harsh environments, and abrasion while still allowing flexibility
- Laser-etched stainless steel collars for hose identification available

FLUOROPOLYMER
www.advantapure.com

APFOS STAINLESS STEEL OVERBRAIDED PTFE HOSE

WHITE PTFE OR BLACK CONDUCTIVE PTFE CORE; SMOOTH OR CONVOLUTED I.D.

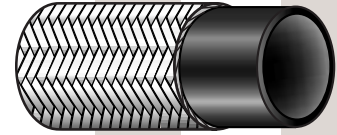
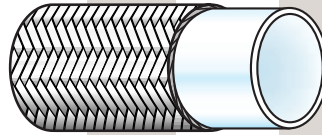


SPECIFICATIONS

Product Number	Nominal I.D.		Nominal O.D.		Working Pressure at 70°F (21.1°C)		Burst Pressure at 70°F (21.1°C)		Minimum Bend Radius		Weight per Foot (lbs.)
	(in.)	(mm)	(in.)	(mm)	(PSI)	(Bar)	(PSI)	(Bar)	(in.)	(mm)	

APFOS-W & APFOS-B

WHITE PTFE OR BLACK CONDUCTIVE PTFE CORE, SMOOTH I.D.



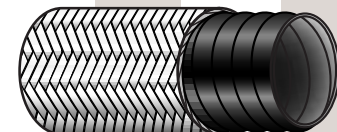
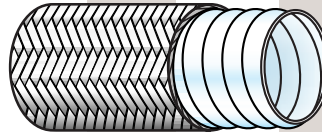
APFOS-W-0250	.250	6.35	.354	9.0	2,530	174.4	10,150	699.8	3.0	75.0	.08
APFOS-W-0375	.375	9.53	.488	12.4	1,950	134.4	7,830	539.8	5.0	127.0	.12
APFOS-W-0500	.500	12.70	.618	15.7	1,740	119.9	6,960	479.8	6.0	152.0	.15
APFOS-W-0750	.750	19.05	.874	22.2	1,300	89.6	5,220	359.9	8.0	203.0	.22
APFOS-W-1000	1.000	25.40	1.130	28.7	1,000	69.0	4,000	276.0	12.0	304.8	.33
APFOS-W-1500DB*	1.500	38.10	1.740	44.2	1,090	75.1	4,350	299.9	16.0	406.4	.44

For BLACK CONDUCTIVE core, substitute "W" with "B" in product number. Example: .250" nominal I.D. BLACK CONDUCTIVE core is product number APFOS-B-0250.

*Double Braided

APFOS-WC & APFOS-BC

WHITE PTFE OR BLACK CONDUCTIVE PTFE CORE, CONVOLUTED I.D.



APFOS-WC-0500	.500	12.70	.744	18.9	1,600	110.3	6,380	439.8	2.0	50.8	.20
APFOS-WC-0750	.750	19.05	1.039	26.4	1,000	68.9	4,060	279.9	3.0	76.2	.30
APFOS-WC-1000	1	25.40	1.310	33.3	1,000	68.9	4,000	275	3.0	76.2	.37
APFOS-WC-1500	1.500	38.10	1.930	49.0	600	41.3	2,320	159.9	6.0	152.4	.75
APFOS-WC-2000	2	50.80	2.417	61.4	500	34.4	2,088	143.9	7.0	177.8	1.05
APFOS-WC-3000HW†	3	76.20	3.700	94.0	300	20.6	1,160	79.9	12.0	304.8	2.50
APFOS-WC-4000HW†	4	101.60	4.921	125.0	200	13.7	870	59.9	14.0	355.6	3.50

For BLACK CONDUCTIVE core, substitute "W" in middle of product number with "B." Example: 1" nominal I.D. BLACK CONDUCTIVE core is product number APFOS-BC-1000.

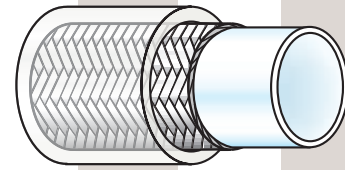
†Heavy Wall

NOTE: When products are used as part of an assembly, the pressure ratings of fittings may be less than hose pressure ratings above. Please consult your sales representative.

FLUOROPOLYMER

Product Number	Nominal I.D.		Nominal O.D.		Working Pressure at 70°F (21.1°C)		Burst Pressure at 70°F (21.1°C)		Minimum Bend Radius	
	(in.)	(mm)	(in.)	(mm)	(PSI)	(Bar)	(PSI)	(Bar)	(in.)	(mm)

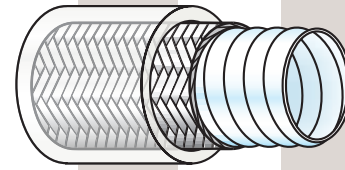
APFOSJ-W
SILICONE JACKETED, WHITE PTFE CORE, SMOOTH I.D.



APFOSJ-W-0250	.250	6.35	.540	13.72	2,530	174.4	10,150	699.8	3.0	75.0
APFOSJ-W-0375	.375	9.53	.674	17.12	1,950	134.4	7,830	539.8	5.0	127.0
APFOSJ-W-0500	.500	12.70	.804	20.42	1,740	119.9	6,960	479.8	6.0	152.0
APFOSJ-W-0750	.750	19.05	1.060	26.92	1,300	89.6	5,220	359.9	8.0	203.0
APFOSJ-W-1000	1.000	25.40	1.341	34.06	940	64.8	3,770	259.9	12.0	304.8

BLACK CONDUCTIVE core available by special request.

APFOSJ-WC
SILICONE JACKETED, WHITE PTFE CORE, CONVOLUTED I.D.



APFOSJ-WC-0500	.500	12.70	.930	23.62	1,600	110.3	6,380	439.8	2.0	50.8
APFOSJ-WC-0750	.750	19.05	1.225	31.12	1,000	68.9	4,060	279.9	3.0	76.2
APFOSJ-WC-1000	1	25.40	1.485	37.72	725	49.9	2,900	199.9	4.0	101.6
APFOSJ-WC-1500	1.500	38.10	2.036	51.71	600	41.3	2,320	159.9	6.0	152.4

BLACK CONDUCTIVE core available by special request.

NOTE: When products are used as part of an assembly, the pressure ratings of fittings may be less than hose pressure ratings above. Please consult your sales representative.

What Products Does AdvantaPure Offer?

AdvantaPure's prime product offerings consist of low-volatile platinum silicone tubing and hose meeting USP Class VI, FDA CFR 177.2600, and ISO 10993, and overbraided PTFE hose.

Our line of products includes:

- Unreinforced 50 Shore A platinum silicone tubing
- Polyester braid-reinforced platinum silicone hose
- Stainless-steel wire and polyester mesh-reinforced wrapped platinum silicone hose
- Polyester mesh-reinforced 4-ply platinum silicone hose
- PTFE hose with stainless-steel or polypropylene overbraiding (with or without armor casing or silicone jacketing)
- Rubber-covered FEP or EPDM hose
- Stainless-steel sanitary crimp fittings and complete hose assemblies
- Various custom hose identification solutions including silicone-encased labels with color striping, laser-etched stainless steel collars, tubing/hose printing, and colored and color-striped silicone tubing, colored braid material for hose, and RFID tags.
- Special cleaning and packaging



Purity in Fluid Flow SystemsSM

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NEWAGE INDUSTRIES



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Years
of Service
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