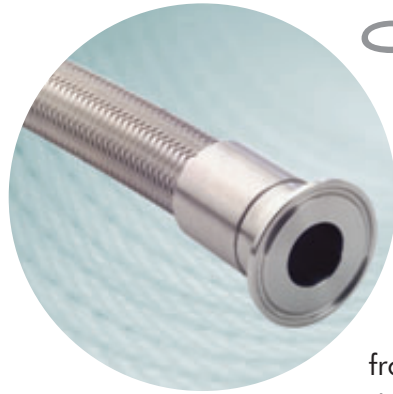
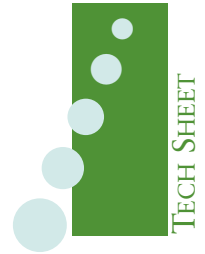


# APFOS STAINLESS STEEL OVERBRAIDED PTFE HOSE

WHITE PTFE CORE; SMOOTH OR CONVOLUTED I.D.



Stainless steel overbraided PTFE hose is constructed of virgin material with a 300 series 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 Bore PTFE Smooth Core offers maximum flow; Convoluted Core offers excellent flow with enhanced flexibility
- Stock sizes for True Bore Smooth Core: 1/4 in. through 1-1/2 in.; Convoluted Core: 1/2 in. through 3 in.
- Hose liner meets FDA 21 CFR 177.1550, ISO 10993 Sections 5, 6, 10 and 11 and is made from USP Class VI compliant material
- General temperature range: -100°F (-73.3°C) to 450°F (232.2°C)
- Excellent chemical compatibility
- Resists moisture
- 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 and custom assemblies offered
- Custom lengths, sizes, other overbraiding materials, special cleaning, and/or packaging is available
- 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

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NEWAGE INDUSTRIES

PURITY IN FLUID FLOW SYSTEMS®

# APFOS STAINLESS STEEL OVERBRAIDED PTFE HOSE

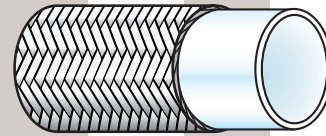
WHITE PTFE CORE; SMOOTH OR CONVOLUTED I.D.



## SPECIFICATIONS

Product Number	I.D.		Nominal O.D.		Working Pressure at 72°F (22°C)		Burst Pressure at 72°F (22°C)		Minimum Bend Radius		Weight per Foot (lbs.)
	(in.)	(mm)	(in.)	(mm)	(PSI)	(Bar)	(PSI)	(Bar)	(in.)	(mm)	

### APFOS-W WHITE PTFE CORE, SMOOTH I.D., 304 STAINLESS STEEL REINFORCEMENT

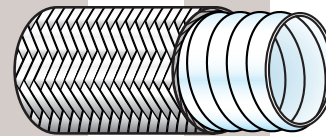


APFOS-W-0250	.250	6.35	.370	9.4	3,000	207.0	12,000	828.0	3.0	76.2	.08
APFOS-W-0375	.375	9.53	.510	13.0	2,000	138.0	8,000	552.0	5.0	127.0	.11
APFOS-W-0500	.500	12.70	.630	16.0	1,750	120.7	7,000	483.0	6.5	165.1	.16
APFOS-W-0750	.750	19.05	.880	22.4	1,000	69.0	4,000	276.0	8.5	215.9	.20
APFOS-W-1000	1.000	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	1.730	43.9	900	62.1	3,600	248.4	18.0	381.0	.79

\*Double Braided

Product Number	Nominal I.D.		Nominal O.D.		Working Pressure at 72°F (22°C)		Burst Pressure at 72°F (22°C)		Minimum Bend Radius		Weight per Foot (lbs.)
	(in.)	(mm)	(in.)	(mm)	(PSI)	(Bar)	(PSI)	(Bar)	(in.)	(mm)	

### APFOS-WC WHITE PTFE CORE, CONVOLUTED I.D., 316 STAINLESS STEEL REINFORCEMENT



APFOS-WC-0500	.500	12.70	.720	18.3	1,500	103.5	6,000	414.0	1.50	38.1	.16
APFOS-WC-0750	.750	19.05	1.020	25.9	1,200	82.8	4,800	331.2	2.00	50.8	.27
APFOS-WC-1000	1	25.40	1.310	33.3	1,000	68.9	4,000	276.0	2.50	63.5	.37
APFOS-WC-1500	1.500	38.10	1.930	49.0	650	44.8	2,600	179.4	3.75	95.2	.54
APFOS-WC-2000	2	50.80	2.420	61.5	450	31.0	1,800	124.2	4.75	120.6	.90
APFOS-WC-3000HW†	3	76.20	3.800	96.5	175	12.0	700	48.3	14.00	355.6	1.82

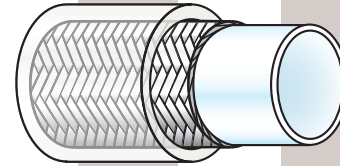
†Heavy Wall

**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	I.D.		Nominal O.D.		Working Pressure at 72°F (22°C)		Burst Pressure at 72°F (22°C)		Minimum Bend Radius	
	(in.)	(mm)	(in.)	(mm)	(PSI)	(Bar)	(PSI)	(Bar)	(in.)	(mm)

**APFOSJ-W**  
**SILICONE JACKETED, WHITE PTFE CORE,**  
**SMOOTH I.D., 304 STAINLESS STEEL**  
**REINFORCEMENT**

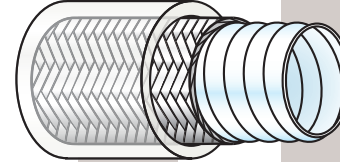


APFOSJ-W-0250	.250	6.35	.540	13.72	2,530	174.4	10,150	699.8	3.0	75.0
APFOSJ-W-0375	.375	9.53	.674	17.12	1,950	134.4	7,830	539.8	5.0	127.0
APFOSJ-W-0500	.500	12.70	.804	20.42	1,740	119.9	6,960	479.8	6.0	152.0
APFOSJ-W-0750	.750	19.05	1.060	26.92	1,300	89.6	5,220	359.9	8.0	203.0
APFOSJ-W-1000	1.000	25.40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

Tolerances: ± 1% on bulk hose lengths  
 BLACK CONDUCTIVE core available by special request.

Product Number	Nominal I.D.		Nominal O.D.		Working Pressure at 72°F (22°C)		Burst Pressure at 72°F (22°C)		Minimum Bend Radius	
	(in.)	(mm)	(in.)	(mm)	(PSI)	(Bar)	(PSI)	(Bar)	(in.)	(mm)

**APFOSJ-WC**  
**SILICONE JACKETED, WHITE PTFE CORE,**  
**CONVOLUTED I.D., 316 STAINLESS STEEL**  
**REINFORCEMENT**



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

Tolerances: ± 1% on bulk hose lengths  
 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.



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AdvantaPure specializes in the design and manufacture of molded Single-Use manifold assemblies for sampling and storage applications. These assemblies are available in platinum-cured silicone or AdvantaFlex® biopharmaceutical grade TPE.

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## AdvantaFlex® BioPharmaceutical Grade Tubing



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