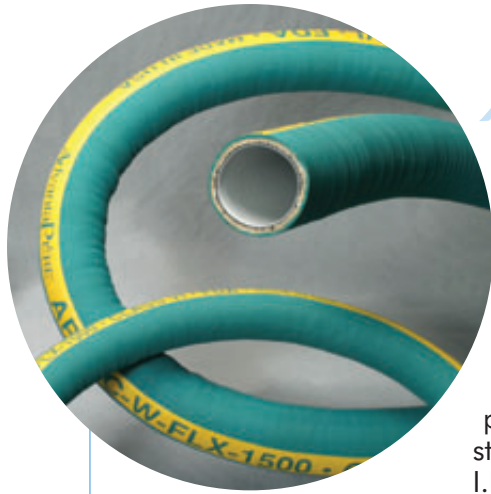


# APFRC RUBBER-COVERED FEP HOSE

WHITE FEP CORE; HIGHLY FLEXIBLE



Made of virgin grade FEP fluoropolymer, APFRC is overbraided with a tightly-woven fabric and double spiral steel wire to dramatically enhance its pressure-carrying capability. Its extremely smooth core offers excellent chemical resistance and is USP Class VI approved. An outer jacket of EPDM rubber provides enhanced durability and seals the hose against dirt, chemicals, or other external damage.

Now offered in a more flexible version, the hose provides the same physical properties as the original style, however, a noticeable difference is seen in larger I.D. sizes in tight-fitting applications where added flexibility is required.



## KEY FEATURES

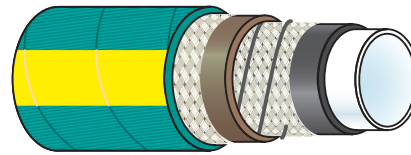
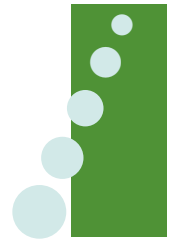
- Offers a smooth, non-stick interior for unrestricted fluid flow
- FEP core is USP Class VI approved and complies with FDA and USDA standards
- Resistant to kinking and chafing
- Rated for either elevated pressure or full vacuum (29.9 in./Hg.) applications
- General temperature range: -40°F (-40°C) to 300°F (148°C)
- Sterilizable/autoclavable (maximum internal steam temperature: 300°F @ 50 psi)
- APFRC is not to be used for continuous steam applications
- Outer rubber jacket resists rot, ozone, radiation, and environmental exposure
- The FEP core imparts no taste or odor to critical streams
- Long lengths available – up to 100 ft. (30.5 m)
- Documented lot traceable
- Documented quality control
- Full line of 316L stainless steel sanitary fittings meeting 3-A standards and ASME/BPE specifications available; hose assemblies available through local authorized AdvantaPure fabricating distributors
- Add stainless steel armor casing or cuffs for an extra layer of protection from crushing, kinking, harsh environments, and abrasion while still allowing flexibility
- Custom lengths, sizes, white covered hose, private branding, and/or packaging available upon request

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# APFRC RUBBER-COVERED FEP HOSE

WHITE FEP CORE; HIGHLY FLEXIBLE



## SPECIFICATIONS

Product Number	I.D.		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)	
APFRC-W-FLX-0500	.500	12.70	.97	24.64	500	34.46	2000	137.90	1.5	38.1	.32
APFRC-W-FLX-0750	.750	19.05	1.27	32.26	500	34.46	2000	137.90	2.5	63.5	.48
APFRC-W-FLX-1000	1.000	25.40	1.48	37.59	400	27.58	1600	110.32	3	76.2	.57
APFRC-W-FLX-1500	1.500	38.10	2.04	51.82	350	24.13	1400	96.53	4.5	114.3	.89
APFRC-W-FLX-2000	2.000	50.80	2.54	64.52	300	20.70	1200	82.70	7	177.8	1.22

**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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## Purity in Fluid Flow Systems®

APFRC is part of a complete line of products for the Pharmaceutical, Biomedical, Cosmetic, and Food industries. Items available include . . .



- Unreinforced, 50 Shore A, platinum-cured silicone tubing
- Braid-reinforced, platinum-cured silicone hose
- Wire and mesh reinforced, mandrel-wrapped, platinum-cured silicone suction hose
- Stainless steel overbraided PTFE hose; rubber-covered FEP and EPDM hose
- Sanitary fittings and complete hose assemblies including molded silicone ends
- Identification solutions including the Hose Track® Process Equipment ID & Lifecycle Analysis System
- Silicone injection molding capabilities – manifolds, stoppers, and sealing systems for single use processes

Address: NewAge Industries AdvantaPure®  
145 James Way  
Southampton, PA 18966 U.S.A.



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