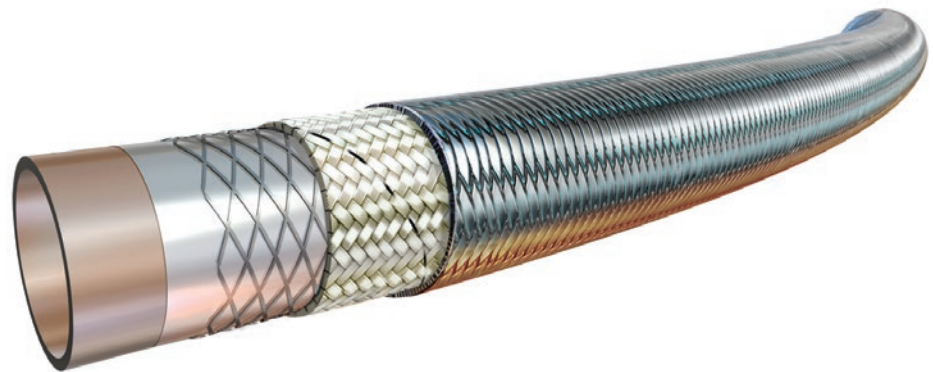


Extra Flexible Fluoropolymer Hose



This extra flexible hose utilizes a smoothbore PFA tube and composite, built out of wire-braid, silicone, textile braided layers. Therefore this product has a superior bend radius, kink and vacuum resistance. This proprietary tube technology can then be additionally reinforced with any application specific braid, increasing working pressure and abrasion resistance.



Features:

- PFA tube
- bonded wire braid - silicone - textile braided composite with 316 Stainless Steel braid
- Temperature Range: -54°C to +163°C
- Available with white silicone cover
- FDA 21 CFR 177.1550
- USP Class VI Certified
- ISO 10993 Sections 5, 6, 10, 11

Benefits:

- Half the minimum bend radius of conventional smoothbore products
- Kink and vacuum resistant
- Easily cleaned
- Cooler outside temperatures reduces operator burns
- Reduces environment temperatures in confined areas
- Available with white Silicone cover



ENGINEERING YOUR SUCCESS.

Extra Flexible Fluoropolymer Hose

- APPLICATIONS/MARKETS:**
- Fluid Handling
 - Chemical Transfer
 - Paint
 - Pharmaceutical
 - Food & Beverage
 - Cosmetics

CONSTRUCTION:







Tube: SBFW - Natural PFA tube
 SBFB - Black Static-dissipative PFA tube

Reinforcement: bonded wire braid - silicone - textile braided composite with 316 Stainless Steel braid

TEMPERATURE RANGE: -54°C to +163°C (-65°F to +325°F)

OPERATING PARAMETERS: Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
 All ratings based on 72°F/23°C

SIZES AND DATA:

Part Number		Nom. ID		Max. OD		Max. Working Pressure		Min. Bend Radius		Vac. Rating	Weight	
#												
Natural	Conductive	inch	mm	inch	mm	psi	MPa	inch	mm	inch	kg/m	lbs/ft
06-SBFW	06-SBFB	3/8	10	0.63	16	300	21	2	51	28	0.16	0.24
08-SBFW	08-SBFB	1/2	13	0.76	19	300	21	2-1/2	64	28	0.23	0.34
12-SBFW	12-SBFB	3/4	19	1.04	26	250	17	3	76	28	0.37	0.55
16-SBFW	16-SBFB	1	25	1.29	33	250	17	4	102	28	0.54	0.8
24-SBFW	24-SBFB	1-1/2	38	1.85	47	200	14	7	178	28	0.83	1.23

- NOTES:**
- Factory-made assemblies only
 - SBFB - Special order only
 - Available with white silicone cover



For technical and order details please contact Polyflex division.

