Military Solutions

Parflex - Fluoropolymer Tubing Products

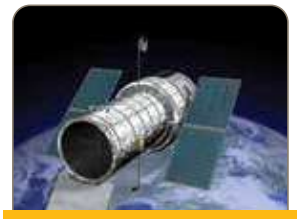
Parker

ENGINEERING YOUR SUCCESS.

Fluoropolymer Tubing
For Military Applications

From the last frontier into the depths of the sea, Parker Hannifin Fluoropolymer Tubing products keep the military moving. Whether its the smallest piece of tubing, a standard heat shrinkable tube or an extra flexible convoluted tube, the fluoropolymer product line delivers virgin tubing that performs in extreme high or low temperatures.

Parker is 100% committed to supporting our military . Fluoropolymer tubing is produced at the Parflex Fort Worth facility under the Texloc brand. It is tested and certified to some of the most rigorous specifications in the industry.



Product Features:

- Compliant to Mil-Spec Certifications
- FDA Compliant
- Minimal longitudinal growth/shrinkage
- Unlimited shelf life
- Salt water resistant
- Complete Traceability, Lot #, DOM
- Value added services include:

-Cuffing
-Custom bellows
-Custom sizes
-Cut to length parts
-Drilled tubing
-Etched PTFE
-Formed tubing for quick installation

-Jacketing
-Tube flanging
-Tube flaring
-Tube forming
-Tube slitting
-Wire reinforcement of convoluted tubing

Tubing Features:

- **PTFE Tubing** Temperature Range - up to 500˚F - Lowest coefficient of friction
- **FEP Tubing** Temperature Range - up to 400˚F - Exceptional clarity, long continuous lengths
- **ETFE Tubing** Temperature Range - up to 302˚F - Increased abrasion resistance

Applications:

- Bundling
- Harnesses
- Electrical Insulation
- Robotics
- Split Loom
- Track Lighting Protection
- Beverage Lines

Typical Image	Specification*	Material	Product Description & Sizes
	AS23053/11, Class 1	FEP	Sizes 3/8" to 1-1/2"; AWG 24 - AWG 0
	AS23053/11, Class 2	FEP	Sizes 3/32" to 2"
Heatshrink	AS23053/12, Class 1	PTFE	Sizes 1/8" to 1"
	AS23053/12, Class 2	PTFE	Sizes 1/8" to 1"; AWG 24 - AWG 0
	AS23053/12, Class 3	PTFE	Sizes 1/8" to 1"; AWG 24 - AWG 0
	AS23053/12, Class 5	PTFE	Sizes 5/64" to 1-1/4"

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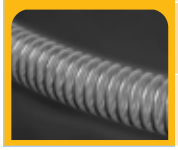
*Products are dimensionally compliant to specifications; May not be exact equivalents

	AS81914/1	PTFE	Convoluted, Standard Convolution, 81914/1 Sizes 3/16" to 2" I.D. Natural or Black
	AS81914/2	PTFE	Convoluted, Close Convolution, 81914/2 Sizes 3/16" to 2" I.D. Natural or Black
Convoluted	AS81914/3	FEP	Convoluted, Standard Convolution, 81914/3 Sizes 3/16" to 2" I.D. Natural
	AS81914/4	FEP	Convoluted, Close Convolution, 81914/4 Sizes 3/16" to 2" I.D. Natural
	AS81914/5	ETFE	Convoluted, Close Convolution, 81914/5 Sizes 3/16" to 2" I.D. Natural
	AS81914/6	ETFE	Convoluted, Standard Convolution, 81914/6 Sizes 3/16" to 2" I.D. Natural

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	MIL-DTL-27267C	PTFE	PTFE Conductive Tubing Sizes 1/4" to 4" O.D. ; AWG 32 - AWG 0
Smoothbore	AMS 3655B	PTFE	PTFE Spaghetti Tubing, TFT AWG 32 - AWG 0
	AMS 3653G	PTFE	PTFE Spaghetti Tubing, TFS AWG 30 - AWG 0

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	FEP	ASTM D3296-03
Corrugated		
	Sizes 1/4" to 2-1/2" I.D.	

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For technical information on these products, download Catalog 4660 at www.parker.com/pfd

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Bul. 4660-4150-Military 8/23

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