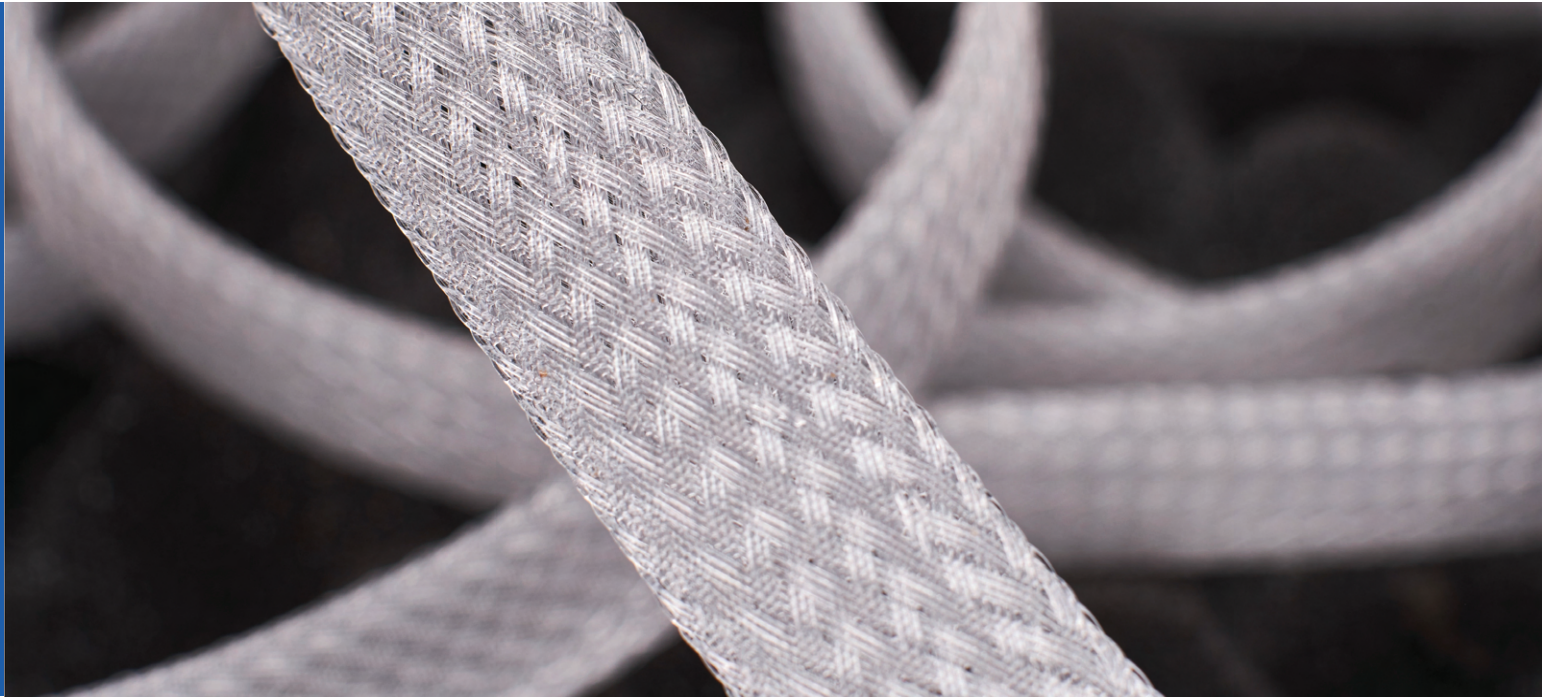


EXPANDABLE SLEEVING

MONOFLEX™ PFA



MONOFLEX™ PFA

PRODUCT HIGHLIGHTS



Operating Temperature
-70°C to 280°C



RoHS/REACH Compliant



Halogen Free

Atkins & Pearce's **MONOFLEX™ PFA** is produced using Perfluoroalkoxy Polymer monofilaments. Its unique construction provides excellent abrasion and cut resistance.

MONOFLEX™ PFA is rated to 280°C. Its unique construction of 0.016" PET monofilaments offers excellent coverage and supreme abrasion resistance.

Below is a complete list of Atkins & Pearce's MONOFLEX™ PFA parts. For more information or to discuss the use of MONOFLEX™ PFA in your specific application, please contact our technical sales department by phone or email.

SIZE	EXPANSION RATIO
1/8 INCH	3/32 INCH -- 1/4 INCH
1/4 INCH	3/16 INCH -- 3/8 INCH
3/8 INCH	1/4 INCH -- 3/4 INCH
1/2 INCH	3/8 INCH -- 7/8 INCH
3/4 INCH	5/8 INCH -- 1-1/4 INCH
1-1/4 INCH	1-1/8 INCH -- 1-1/2 INCH
1-3/4 INCH	1-3/8 INCH -- 2-3/4 INCH
2 INCH	1-11/16 INCH -- 2-1/8 INCH

Atkins & Pearce

EXPANDABLE SLEEVING

MONOFLEX™ PFA

Performance Metrics

PROPERTY	TEST	RESULT
MONOFILAMENT DIAMETER	ASTM D-204	0.016 IN.
TENSILE STRENGTH	ASTM D-2256	2.1 LBS
SPECIFIC GRAVITY	ASTM D-792	2.15
MOISTURE ABSORPTION	ASTM D-570	LESS THAN 0.1%
FLAMMABILITY	FAR 25	PASS
LOW TEMP FLEXIBILITY	MIL-DTL-23053E	-70°C
LIMITING OXYGEN INDEX	ASTM D-2863	GREATER THAN 95
TML	ASTM E-595 @ 10-5 TORR	0.00%
CVCM		0.00%
WVR		0.00%

Chemical Resistance

SOLVENTS	NO EFFECT	LITTLE EFFECT	MODERATE EFFECT	GREATER EFFECT	SEVERE EFFECT
ALIPHATIC SOLVENTS	■	■	■		
AROMATIC SOLVENTS	■	■	■		
CHLORINATED SOLVENTS	■	■	■		
DE-ICING FLUID	■	■	■		
ESTERS/KETONES	■	■	■	■	■
FUNGUS	■	■	■		
HYDRAULIC FLUID	■	■	■		
LUBE OIL	■	■	■		
PETROLEUM	■	■	■		
SALT WATER	■	■	■		
SALTS	■	■	■		
STRONG ACIDS	■	■	■		
STRONG BASES	■	■	■		
STRONG OXIDANTS	■	■	■		
UV LIGHT	■	■	■		
WEAK BASES	■	■	■		

Thermals

MELT POINT	MAXIMUM CONTINUOUS
590°F / 310°C	550°F / 280°C
OPERATING TEMPERATURE	MINIMUM CONTINUOUS
-94°F / -70°C TO 550°F / 280°C	-94°F / -70°C

Contact Us

1.800.837.7477 | info@atkinsandpearce.com
www.atkinsandpearce.com

One Braid Way, Covington, KY 41017
 United States of America

