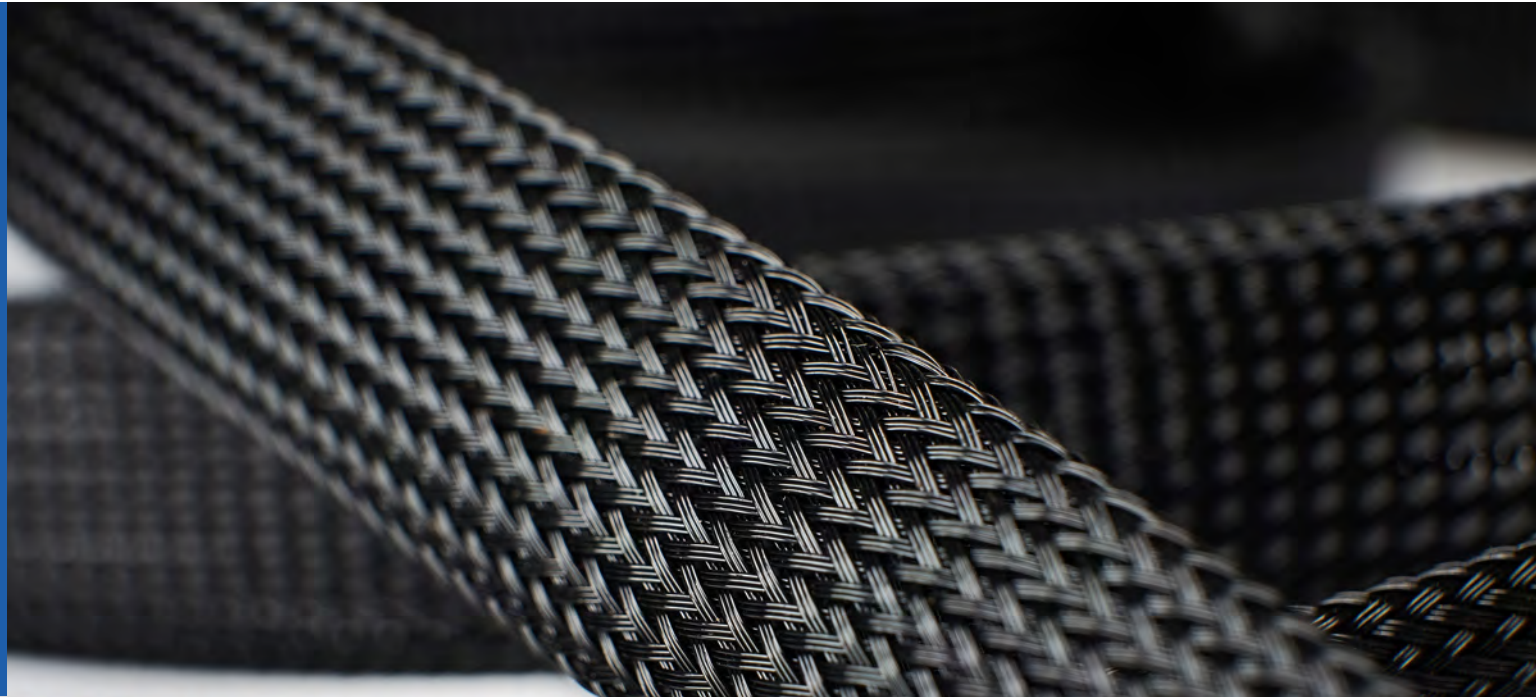


EXPANDABLE SLEEVING

EXTENDO® PET TW



Extendo® PET TW

PRODUCT HIGHLIGHTS



Operating Temperature
-70°C to 125°C



Abrasion Resistance



RoHS/REACH Compliant



Self-Extinguishing



UL File #E118600

Atkins & Pearce's Extendo® PET TW is a fray resistant braided expandable sleeving. This highly flexible sleeving offers superior coverage for cable assemblies, wire harnesses, and hoses.

Extendo® PET TW sleeve is rated to 125°C. The polyester blend of monofilaments (PET) construction supports its ability to resist the trapping and absorption of heat and water.

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

SIZE	EXPANSION RATIO
1/4 INCH	1/8 INCH -- 23/64 INCH
3/8 INCH	5/16 INCH -- 11/16 INCH
1/2 INCH	3/8 INCH -- 23/32 INCH
3/4 INCH	19/32 INCH -- 1 INCH
1 INCH	3/4 INCH -- 1-5/32 INCH
1-1/4 INCH	1 INCH -- 1-5/8 INCH
1-1/2 INCH	1-1/4 INCH -- 2 INCH
1-3/4 INCH	1-1/2 INCH -- 2-1/4 INCH
2 INCH	1-1/2 INCH -- 2-5/8 INCH

Atkins&Pearce

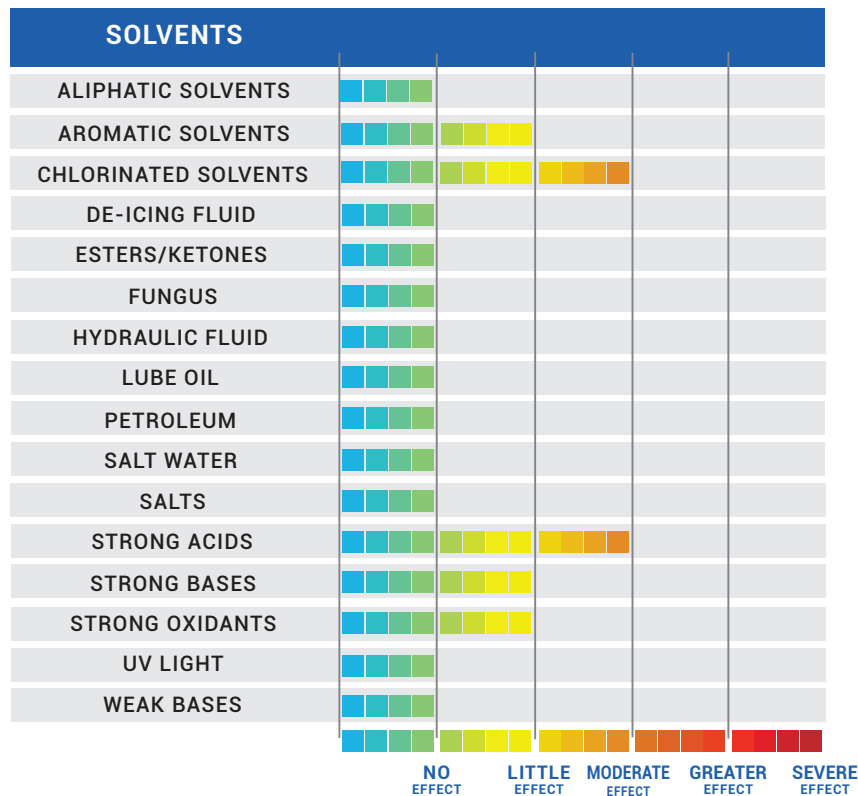
EXPANDABLE SLEEVING

EXTENDO[®] PET TW

Performance Metrics

PROPERTY	TEST	RESULT
MONOFILAMENT DIAMETER	ASTM D-204	0.010 IN.
TENSILE STRENGTH	ASTM D-2256	7.5 LBS
SPECIFIC GRAVITY	ASTM D-792	1.38
MOISTURE ABSORPTION	ASTM D-570	0.1% - 0.2%
FLAMMABILITY	FMVSS 302	SELF EXTINGUISHING, TYPE B
	SAE J 369-89	PASS
FLUID RESISTANCE	SAE J2 192	100% TENSILE RETENTION
	MIL-1-23053	100% TENSILE RETENTION
THERMAL OVERLOAD	ES-AC35-IA303-AA	PASS
LOW TEMP FLEXIBILITY	MIL-DTL-23053E	-70°C
HEAT AGE @ 168 HOURS	ES-AC35-1A303-AA	PASS
HEAT AGE @ 3,000 HOURS		
ABRASION	SAE ARP 1536A	MIN 45,000 CYCLES
SMOKE	ASTM E-662	56
LIMITING OXYGEN INDEX	ASTM D-2863	21
TML	ASTM E-595 @ 10-5 TORR	0.19%
CVCM		0.00%
WVR		0.16%

Chemical Resistance



Thermals

MELT POINT	MAXIMUM CONTINUOUS
482°F / 250°C	257°F / 125°C
OPERATING TEMPERATURE	MINIMUM CONTINUOUS
-94°F / -70°C TO 257°F / 125°C	-94°F / -70°C

Contact Us

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