EXPANDABLE BRAIDED SLEEVING

MONOFLEX® PET TW

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PRODUCT HIGHLIGHTS

- **Maximum Operating Temperature: 125°C**
- **Abrasion Resistance**
- **RoHS/REACH Compliant**
- **Halogen Free**
- **Tight Weave Braid yields High Coverage**

Atkins & Pearce's Monoflex® PET TW is similar to our standard PET sleeving but has a tighter construction giving it it's "tight weave" name. The tighter weave provides increased density, abrasion resistance, and has higher coverage all of which are ideal factors for applications where snag resistance and protection is needed. The particular design and expandability allows for simple and efficient installation over connectors and is durable against heat operating up to 125°C.

Monoflex® PET TW is available in a variety of colors to assist in special identification for safety and other needs. Below is a complete list of the standard sizes we offer in this sleeving. Additionally, cut lengths are available upon request.

NOMINAL ID	MAX EXPANSION	WALL THICKNESS
1/4 inch	3/8 inch	0.025 inch
3/8 inch	1/2 inch	0.025 inch
1/2 inch	3/4 inch	0.025 inch
3/4 inch	1-1/4 inch	0.025 inch
1 inch	1-1/2 inch	0.025 inch
1-1/4 inch	1-3/4 inch	0.025 inch
1-1/2 inch	2 inch	0.025 inch
1-3/4 inch	2-1/4 inch	0.025 inch
2 inch	2-1/2 inch	0.025 inch

For additional information on Monoflex® PET TW's features and color offerings please contact our Sales & Marketing Team via phone or email at the addresses below.

Atkins&Pearce

One Braid Way, Covington, KY 41017 USA

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

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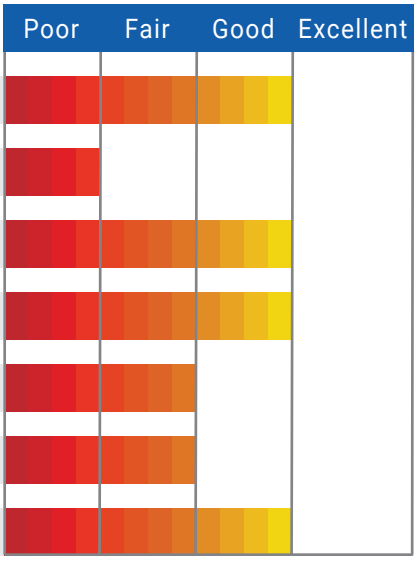
Performance Metrics

PROPERTY (TEST)	RESULT
Abrasion (ASTM D-4060)	15,000 cycles
Heat Age @ 168 Hours (ASTM-3045)	No cracking, melting, or deformation
Low Temperature Flexibility (below freezing)	No cracking or deformation

Thermals

MAX OPERATING TEMPERATURE	MELTING POINT
125°C / 257°F	250°C / 482°F

Chemical Resistance



Monofilament Properties

SINGLE-STRAND DIAMETER
0.01 inch

DENSITY
1.38 g/cc

SINGLE-STRAND TENSILE STRENGTH
8.5 lbs. (minimum)

MOISTURE ABSORPTION
0.20%

CONTACT US!

Our manufacturing facility and office is centrally located in northern Kentucky.

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LAST REVISED: April 2023 | The suggested application is provided by Atkins & Pearce merely as an additional tool to assist in making an appropriate selection. This is only provided to serve as suggestions of sleeving that may be appropriate based on certain criteria and should not be relied upon as determinative or as a substitute for customer testing. Many variables exist in a sleeve's flexibilities, resistances, and treatment. Final product selection should always be confirmed through the customer's own testing process to determine if a specific product is the correct choice for a particular application. Atkins & Pearce is not responsible for selections made by the customer using any of the reference material provided. For optimal performance in specific systems, we strongly recommend that customers conduct exhaustive tests in their own lab and consider retaining samples for their future internal reference. The importance of product testing and data validation cannot be overstated. As the customer, you and your company are responsible for appropriately testing all Atkins & Pearce product used in your application and for making the final selection based upon meeting appropriate safety and electrical standards. Atkins & Pearce makes no representation or warranty, expressed or implied, at law or in equity, in respect of the information provided, including, without limitation, with respect to merchantability or fitness for any particular purpose, which representations or warranties are hereby expressly disclaimed.