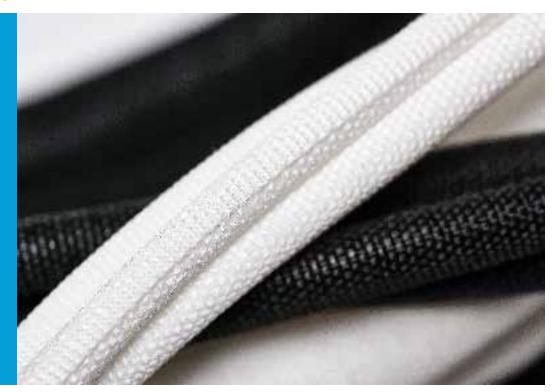
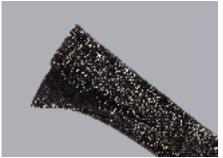
EXPANDABLE WOVEN SLEEVING

ENGLOS!







Enclose® PRODUCT HIGHLIGHTS



Maximum Operating Temperature: 125°C



Halogen Free



RoHS/REACH Compliant



UL Temperature & Flame Rated (File #E118600)

Atkins & Pearce's Enclose® is a lightweight woven sleeving ideal for electrical wire harnessing situations where removal and re-installation is common. The unique seamed design is perfect for applications where junctions and wire breakouts are inevitable as the product is "tubular" with built-in memory causing the sleeving to "self-close" or "snap-back" after opening.

Enclose® 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 | % OVERLAP | WALL THICKNESS | | | |
|-------------|-----------|----------------|--|--|--|
| 1/8 inch* | 25% | 0.028 inch | | | |
| 3/16 inch* | 25% | 0.028 inch | | | |
| 1/4 inch* | 25% | 0.028 inch | | | |
| 5/16 inch* | 25% | 0.028 inch | | | |
| 3/8 inch* | 25% | 0.028 inch | | | |
| 1/2 inch* | 25% | 0.028 inch | | | |
| 5/8 inch* | 25% | 0.028 inch | | | |
| 3/4 inch* | 25% | 0.028 inch | | | |
| 1 inch* | 25% | 0.028 inch | | | |
| 1-1/4 inch* | 25% | 0.028 inch | | | |
| 1-1/2 inch* | 25% | 0.028 inch | | | |
| 1-3/4 inch* | 25% | 0.028 inch | | | |
| 2 inch* | 25% | 0.028 inch | | | |

^{*}Available for online purchase.

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



EXPANDABLE WOVEN SLEEVING

ENGLOSE®

Performance Metrics

| PROPERTY (TEST) | RESULT | | |
|--|--------------------------------------|--|--|
| Abrasion (ASTM D-4060) | 3,000 cycles | | |
| Heat Age @ 168 Hours (ASTM D-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 | Poor | Fair | Good | Excellent |
|------------------------------|------|------|------|-----------|
| Degradation by Alcohols | | | | |
| Degradation by Alkali | | | | |
| Degradation by Hydrocarbons | | | | |
| Degradation by Ketones | | | | |
| Degradation by Organic Acids | | | | |
| Degradation by Strong Acids | | | | |
| Degradation by UV Light | | | | |

Monofilament Properties

SINGLE-STRAND DIAMETER

0.01 inch

DENSITY

1.38 g/cc

SINGLE-STRAND TENSILE STRENGTH

8.5 lbs.

MOISTURE ABSORPTION

0.20%



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

LAST REVISED: October 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.