

TECHNICAL DATA SHEET

DESCRIPTION

Armorlon® Type-175 FR is a fire retardant PVC coated scrim material. It is specifically engineered to provide high strength and durability in a lightweight material.

PHYSICAL PROPERTIES AND TYPICAL VALUES

| PROPERTY | ASTM TEST METHOD | U.S. VALUE | METRIC VALUE |
|-----------------------|------------------|----------------------------|----------------------------|
| Weight | D-751 | 59 LB/1000 FT ² | 28.8 KG/100 M ² |
| Thickness | D-5199 | 13 MIL | 0.33 MM |
| 3" Load @ Yield | D-882 | 260 LBF | 1160 N |
| | | 6600 PSI | 45.5 |
| 3" Load @ Break | D-882 | 50 LBF | 220 N |
| 3" Elongation @ Break | D-882 | 40 % | 40 % |
| Tongue Tear | D-2261 | 28 LBF | 124.5 N |
| Trapezoidal Tear | D-4533 | 20 LBS | 89 N |
| PPT Resistance | D-2582 | 22 LBF | 97.9 N |
| Dart Impact Strength | D-1709 | 3.60 LBS | 1630 g |
| Fire Retardancy | NFPA 701 | Pass | |

FEATURES AND BENEFITS

- Multiple layers and cord reinforcement resists tears.
- UV stabilization protects the material from degradation during extended exposure to sunlight.
- Flexibility and light weight allow for easy handling and quick installation.
- Custom fabrication is available to meet your exact specifications.



OUR CUSTOMERS DON'T JUST *cover their business,*
➔ THEY PROTECT IT

SUGGESTED APPLICATIONS

- Pallet, drum and other custom covers for outside storage.
- Floor covers, dust partitions and cleanroom enclosures.
- Temporary walls, plant dividers, building enclosures and containment tents.
- Shipping container covers and liners

ORDERING INFORMATION

AVAILABLE COLORS:

Natural or Green

SIZES:

Standard rolls from 5' x 100' to 40' x 100' in increments of 5' widths are available for immediate shipment. Standard length and width tolerances are $\pm 1\%$ (minimum 2")

Custom sizes up to 100' x 125' and custom fabrication are available to meet your exact specifications.

USABLE TEMPERATURE RANGE:

Minimum: -10°F -12°C

Maximum: 170°F 77°C

OUTDOOR EXPOSURE

Under normal continuous exposure the average life expectancy ranges from 18 to 36 months, depending on color.



REEF INDUSTRIES, INC.

9209 Almeda Genoa Rd. • Houston, Texas 77075

P: 713.507.4251 • F: 713.507.4295

E-mail: ri@reefindustries.com • www.reefindustries.com

TOLLFREE 1.800.231.6074

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