

# Poly Scrim 10 FR

Poly Scrim 10 FR is a 3-ply, 10 mil extrusion laminate combining two layers of fire retardant, linear, low density polyethylene and a high-strength cord grid. It is specifically engineered to provide high strength and durability in a lightweight material.

## Features

- Multiple layers and cord reinforcement resists punctures and tears.
- Grommets, tie downs, hems, zippers, drains and 3-D custom shapes available.
- Flexibility and light weight allow for easy handling and quick installation
- Long life expectancy allows for significant cost savings through reuse and fewer replacements.
- Custom fabrication is available to meet your exact specification.
- Cold-crack resistance eliminates failures in extreme cold temperatures.
- Low permeability greatly inhibits moisture transmission.
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- Custom fabrication is available to meet your exact specifications.
- **Passes NFPA 701 Large Scale-“Standard Methods of fire tests for flame-Resistant Textiles and Films”.**
- **Class 1, Class A flame spread rating per UBC-42 and ASTM E-84.**
- **COLORS:** Yellow and Natural

Property	ASTM TEST METHOD	U.S. VALUE	METRIC VALUE
Weight	D-3776	41 LB/1000FT <sup>2</sup>	19.9 KG/100 M <sup>2</sup>
3" Tensile Strength	D-882	90 LBF	400 N
Puncture Strength	D-4833	36 LBF	160 N
PPT Resistance	D-2582	25 LBF	111 N
Dart Impact Strength	D-1709	1.05 LBS	480 g
Cold Impact Strength	D-1709	-15 °F	-27 °C
Permeance	E-96	0.035 Grain/Hr•Ft <sup>2</sup> •in.Hg	2.011 NG/(PA•S•M <sup>2</sup> )
Fire Retardancy	E-84	5 flame spread,70 smoke developed	
	NFPA 701	Pass	

### SUGGESTED APPLICATIONS:

- Temporary walls, plant dividers, building enclosures and containment tents.
- Shipping container covers and liners.
- Floor covers, dust partitions and clean room enclosures.
- Pallet, cask and drum covers for outside storage.
- Pallet and custom covers for outside storage.
- Architectural vapor retarder in walls and ceilings and in roofing systems.