

Argotec™ 18247

General Description

Typical application: General purpose, antistatic

Polymer: Thermoplastic polyurethane, aromatic polyether

Extrusion Method: Blown film

Key attributes:

- Smooth surface
- Soft ether
- Mid-range softening temperature
- Resin conforms to:
 - FDA 175.105
 - FDA 177.1680
 - FDA 177.2600
 - NSF Standard 61
 - EU Directive 2002/72/EC

Property	Test Method	Typical Value
Gauge		1.0 - 10 mils (25 - 250 microns)
Width		Up to 86" (2.18 m)
Length		Up to 1000 non-spliced yards (914.4 m)
Durometer	ASTM D-2240	85A
Tensile strength @ 100% elongation	ASTM D-412	990 psi (6.8 MPa)
Tensile strength @ 300% elongation		1750 psi (12MPa)
Tensile strength		7000 psi (48.3MPa)
Elongation at break		570%
Tensile set at 200% E		21%
Tear strength	ASTMD-624 ¹	475 pli (83.2 kN/m)
Abrasion resistance	ASTM D-1044 ²	5.0 mg loss
Surface resistivity	ASTM D-257	1 x 10 ¹⁰ ohms per square Max <1 x 10 ¹² ohms per square

¹ Die C.

² Taber abrasion CS-17 wheel, 1000 gm weight, 1000 cycles.

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