

Argotec™ 18235

General Description

Typical application: Medical devices

Polymer: Thermoplastic polyurethane, aromatic polyether

Extrusion Method: Cast-on-carrier

Key attributes:

- Smooth and matte surface
- Soft ether
- Polyethylene carrier
- Mid-range softening temperature
- USP Class VI certified polymer

Property	Test Method	Typical Value
Gauge		0.5 - 5.0 mils (12.5 - 125 microns)
Width		Up to 63" (1.6 m)
Length		Up to 1000 non-spliced yards (914.4 m)
Durometer	ASTM D-2240	86A
Tensile strength @ 100% elongation	ASTM D-412	1100 psi (7.6 MPa)
Tensile strength @ 300% elongation		1750 psi (12MPa)
Tensile strength		4800 psi (33MPa)
Elongation at break		640%
Tensile set at break		70%
Tear strength	D-624 ¹	600 pli (105 kN/m)
Abrasion resistance	D-1044 ²	30 mg loss
MVT 1.0 mil, 38°C, 90% RH	E-96B	3000 g/m ² /day

¹ Die C.

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

info@argotec.com
argotec.com

ARG_TDS_V01_20240214

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