

Argotec™ 18248

General Description

Typical application: Industrial; UV exposure; graphics

Polymer: Thermoplastic polyurethane, aromatic polyether

Extrusion Method: Blown film

Key attributes:

- Smooth surface
- Soft ether
- Mid-range softening temperature
- UV stabilized

| 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 | D-624 ¹ | 475 pli (83.2 kN/m) |
| Abrasion resistance | D-1044 ² | 5.0 mg loss |

¹ Die C.

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

info@argotec.com
argotec.com

ARG_TDS_V01_20240214

Copyright ©Mativ Holdings, Inc. (2024). All Rights Reserved. ARGOTEC™ is trademarks of Mativ Holdings, Inc. ("Mativ") or an affiliated company of Mativ.

All statements, product characteristics, and performance data contained herein are believed to be reliable based on observation and testing, but no representations, guarantees, or warranties of any kind are made as to accuracy, suitability for particular applications, or the results to be obtained. Nothing contained herein is to be considered to be permission or a recommendation to use any proprietary process or technology without permission of the owner. No warranty of any kind, expressed or implied, is made or intended.