

# Argotec™ 18422

## General Description

**Typical application:** Die cut and seal; bladders

**Polymer:** Thermoplastic polyurethane, aromatic polyether

**Extrusion Method:** Flat die

**Key attributes:**

- Matte 2 surface
- Soft ether
- Mid-range softening temperature
- USP Class VI polymer

Property	Test Method	Typical Value
Gauge		5.0 - 80 mils (125 - 2000 microns)
Width		Up to 60" (1.52 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 <sup>1</sup>	600 pli (105 kN/m)
Abrasion resistance	D-1044 <sup>2</sup>	30 mg loss

<sup>1</sup> Die C.

<sup>2</sup> Taber abrasion H-18 wheel, 1000 gm weight, 1000 cycles.

info@argotec.com  
argotec.com

ARG\_TDS\_V01\_20240215

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.