

ArgoMedPLUS™ 18411

General Description

Argotec, a Mativ brand, is the leader in innovative polymer films for wound care applications. ArgoMedPLUS 18411 is a film-on-paper medical-grade product comprised of aromatic, ether-based, waterproof, breathable thermoplastic polyurethane extrusion coated onto a specialty paper. The TPU film is made without the addition of processing aids or modifiers, giving it consistent moisture-vapor transmission and surface tension for adhesion.



Typical application: Frame-delivery bandages and incise drapes

Polymer: Aromatic, ether-based, thermoplastic polyurethane

Extrusion Method: Cast-on-paper

Gen-C carrier: 100 gsm paper, polykote 1-side, silicone coated 1-side, improved EO sterilization

Key attributes:

- Soft, waterproof, breathable and conformable for patient comfort
- USP class IV and class VI candidate components
- Withstands EtO and gamma sterilization
- No processing aids or modifiers used, resulting in consistent moisture vapor transmission and surface tension for adhesive wet-out

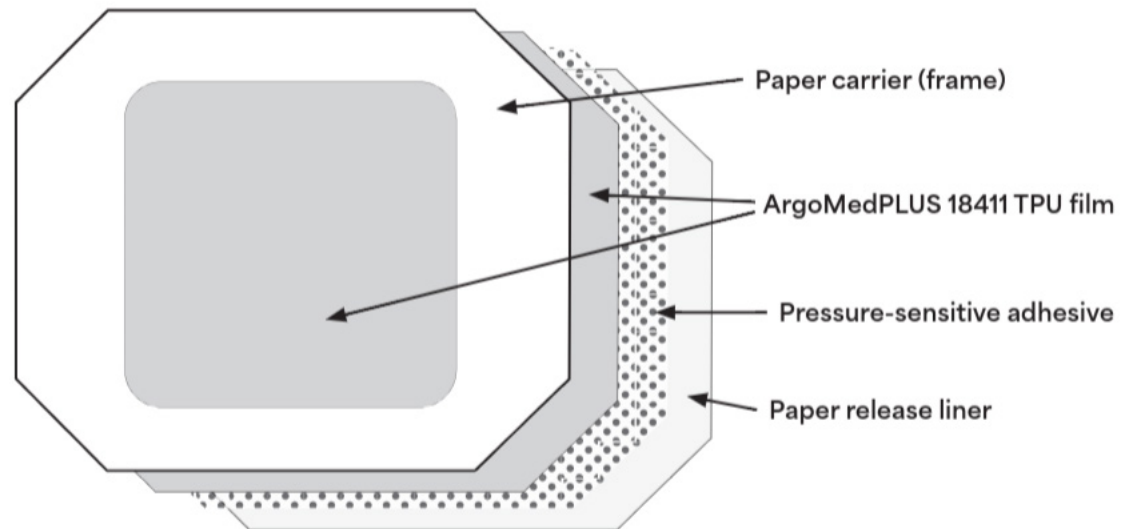
Property	Test Method	Typical Value
Gauge		1.0 mils (25 microns)
Width		Up to 60" (1.52 m)
Length		Up to 550 non-spliced linear yards (503 m)
Durometer	ASTM D-2240	Shore 85A
MVTR (1.0 mil, 38°C, 50% RH)	E-96B	1000 g/m ² -day
TPU adhesion to paper carrier (1" strip, 90°, 145"/min speed)	PSTC-15	200-300 gli/customer specific
Tensile strength	ASTM D-412	4200-5200 psi (28.96-35.85 MPa)
Elongation		400 - 500%
Modulus (100%)		900-1100 psi (6.16-7.58 MPa)
Barrier properties (viral penetration)	ASTM F-1671	Pass
Surface tension	ASTM D-2578	>36 dyne/cm

Please Note: These values are typical and not intended to represent or be used as specifications. Store unused rolls of ArgoMedPLUS 18411 in a cool, dry place.

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Typical Frame Bandage Construction

ArgoMedPLUS 18411 provides the medial wound care industry with an alternative film/ carrier system for frame bandages and incise drapes. The USP-candidate components deliver a controlled peel (release) between the paper carrier and film.



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