

ArgoMedPLUS 18411 is a film-on-paper product comprised of aromatic, ether-based, waterproof-breathable, thermoplastic polyurethane film 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. It provides the medical 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.



General Description and Use		
SWM SKU number	ArgoMedPLUS 18411	
Typical application	Frame-delivery bandages and incise drapes	
Polymer	Aromatic, ether-based, thermoplastic polyurethane (TPU)	
Extrusion method	Cast-on-paper	
Carrier	80# SCK paper, polykote 1-side, silicone coated 1-side	
Gauge	1.0 mils (25 microns)	
Width	60 inches (1.52 meters)	
Length	Up to 550 non-spliced linear yards (503 meters)	
Key attributes	<ul style="list-style-type: none"> ■ Soft, waterproof, breathable, 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. 	
Typical Properties	Test Method	Value
Durometer	ASTM D-2240	Shore 85A
MVTR (1.0 mil, 38°C, 50% RH)	E-96B	1000 g/m ² -day

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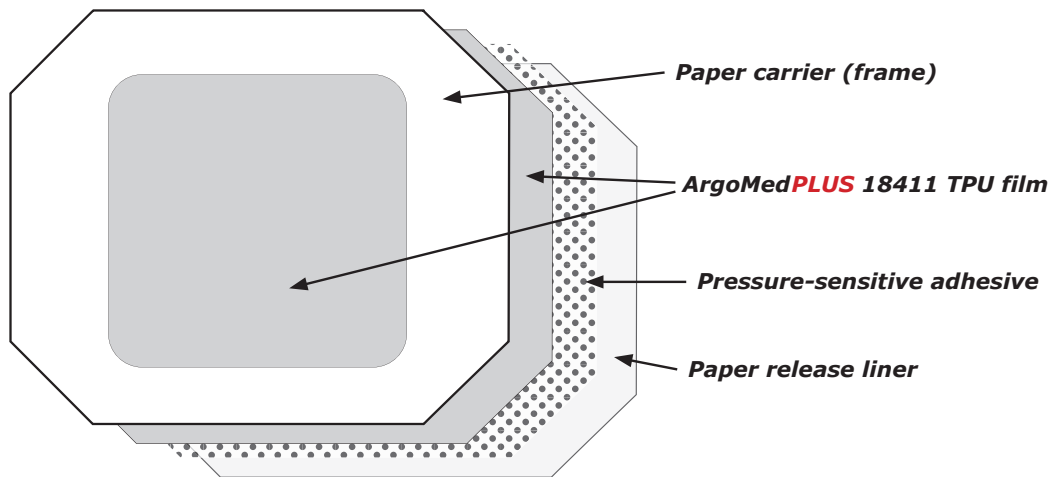
Product information revised: April 5, 2018

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ArgoMedPLUS®18411 (continued)

Typical Properties	Test Method	Value
TPU adhesion to paper carrier (1" strip, 90°, 145"/min speed)	PSTC-15	190 gli
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

Notes: These values are typical and are not intended to represent or be used as specifications.
Store unused rolls of **ArgoMedPLUS 18411** in cool, dry warehouse.



Typical frame bandage construction