

ArgoMedPLUS® 18411

Thermoplastic Polyurethane Elastomer

Argotec LLC

Message:

Applications:

Frame-delivery bandages

Incise drapes

Characteristics:

Soft, waterproof, breathable, conformable for patient comfort

USP Class IV and VI certified 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.

General Information	
Features	Aromatic Breathable Good Adhesion Low to No Water Absorption Soft
Uses	Adhesives Medical Devices Medical/Healthcare Applications
Agency Ratings	USP Class IV USP Class VI
Processing Method	Casting Extrusion

Physical	Nominal Value	Unit	Test Method
Surface Tension	> 36	mN/m	ASTM D2578
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Films	Nominal Value	Unit	Test Method
Water Vapor Transmission	3000	g/m ² /24 hr	ASTM E96
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	6.16 to 7.58	MPa	ASTM D412
Tensile Strength	29.0 to 35.9	MPa	ASTM D412
Tensile Elongation (Break)	400 to 500	%	ASTM D412

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