



ArgoMedPLUS®
18411
 ON GEN-C CARRIER

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 | |
| Gen-C carrier | 100 gsm paper, polykote 1-side, silicone coated 1-side, improved EO sterilization | |
| 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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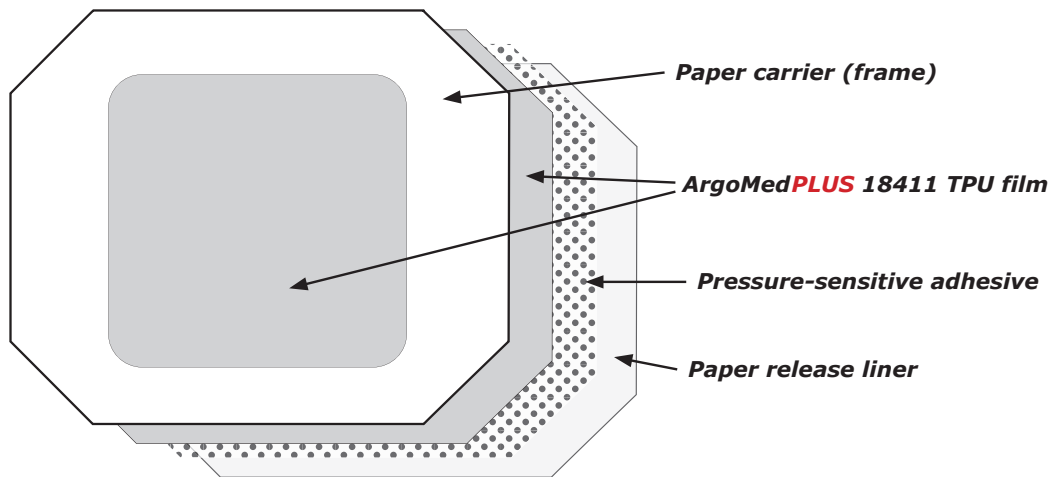
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ArgoMedPLUS®18411 (continued)

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

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