



MD 400F

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| Polyester Film |
| Aluminum Foil |
| Polyethylene Sealant |

| Physical Property | Method | Units | Typical Properties | |
|--------------------------|--------------------------------------|--------------------------------|--------------------|------------|
| Product Code | | | MD400F | |
| Thickness | ASTM D 374 | Mils | 4.0 | |
| Basis Weight | Valeron | Lbs/MSF | 25 | |
| Tensile Break | ASTM D 412 | lbs/in | MD TD | 30 38 |
| Elongation | ASTM D 412 | % | MD TD | 50 50 |
| Elmendorf Tear | ASTM D 1922 | Grams | MD TD | 350 550 |
| Puncture Resistance | MIL 3010, Meth 2065 | Lbf | 21 | |
| Toyo Impact | ASTM D 781 (mod) | kg-cm | 78 | |
| Seal Strength | ASTM F 88 (350° F, 2 sec. 60 psi) | Lbs/1" Strip | Lab | 16 |
| Water Vapor Transmission | ASTM F 1249 100° F, 100% RH | grams/100 in ² /day | < 0.0003 | |
| Oxygen Transmission | ASTM D 3985 72° F, 0% RH | cc/100 in ² /day | < 0.0003 | |

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