

Coated Tyvek 1073B Material Information Sheet

| Material | Heat-Seal Coated Tyvek® 1073B | PeelMaster Item # | CT1073 |
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| Product Description | Heat-Seal Coated DuPont Tyvek® 1073B | | |
| FDA Status | FDA-approved for food contact and sterile applications | | |
| Material Characteristics | CT1073 is a breather barrier for sterile packaging applications, with excellent strength, breatheability, sealability, and peelability. Coating gives visual evidence of seal continuity upon peeling. | Typical Applications | Sterile tray lids and form-fill-seal lidding roll stock. |
| Physical Properties (Typical Values) | | | |
| Characteristic | Test Method | Units | Typical Values |
| Substrate basis weight | ASTM D3776 | lb. per 24"x36" ream (lb./3000 ft ²) | 45.0 – 53.0 |
| Adhesive coat weight | ASTM F2217 | lb. per 24"x36" ream (lb./3000 ft ²) | 6.8 - 7.0 |
| Total basis weight | N/A | lb. per 24"x36" ream (lb./3000 ft ²) | 51.8 – 60.0 |
| Material Yield | TAPPI T410 | in ² /lb. | 7,200 - 8,300 |
| Thickness | ASTM D1777 | mil | 7.3 |
| Tensile Strength (MD) | ASTM D5035 | lb./in. | 43 - 44 |
| Tensile Strength (CD) | ASTM D5035 | lb./in. | 45 - 47 |
| Elongation (MD) | ASTM D882 | % | 27 |
| Elongation (CD) | ASTM D882 | % | 31 |
| Elmendorf tear (MD) | ASTM D1424 | lb. | 0.70 – 0.75 |
| Elmendorf tear (CD) | ASTM D1424 | lb. | 0.71 - 0.80 |
| Mullen Burst | ASTM D774 | psi | 176 |
| Porosity–Gurley | TAPPI T460 | sec/100cc | <84 |
| Typical Sealing Range | Sealing process parameters will depend greatly on specific application, equipment, etc. Typical ranges might include: 220-260 F, 1.0-2.0 sec, 40-60 psi | | |

These physical properties listed above are typical and not specification limits. They are not meant for customer specifications development. Customers are solely responsible for determining the suitability of this product for their intended use.