PP

**PRAJWAL POLYPLAST**

Industrial adhesive tape manufacturer & converter

**TECHNICAL DATA SHEET**

REVISION 1.0 · 26 NOV 2026

| | | | |
|---|---|---|---|
| **Product** | **Fire-Resistant PVC Insulation Tape — Black** | **Part number** | **PVCFR-6003** |
| **Backing / carrier** | PVC Film (Plasticised, Flame-Retardant) | **Adhesive system** | Rubber-Based |
| **Product family** | Fire-Resistant PVC Insulation Tape | **Standard colour** | Black |
| **Service temperature** | -40 °C to 120 °C | **Total thickness** | 0.0450 mm |
| **Stated compliance** | NONE RECORDED ON PRODUCT RECORD | | |

## RECORDED SPECIFICATIONS

| PROPERTY | TEST METHOD | METRIC VALUE | IMPERIAL VALUE |
|---|---|---|---|
| Total Thickness | ASTM D-3652 | **0.0450 mm** | **1.77 mil** |
| 180° Peel Adhesion to Steel | ASTM D-3330 | **5.00 N/25mm** | **12.9 oz/in** |
| Tensile Strength | ASTM D-3759 | **47.00 N/25mm** | **5.3 lbf/in** |
| Elongation at Break | ASTM D-3759 | **35%** | **35%** |
| Operating Temperature | Not recorded | **-40 °C to 120 °C** | **-40 °F to 248 °F** |

The table above reproduces the values held in the product record together with the test method recorded against each row. Where a row has no imperial value recorded, the metric value is shown unchanged. Any property not listed above is not held on this record and is therefore not stated.

## SLITTING & CONVERTING

| | | | |
|---|---|---|---|
| **Min. slitting width** | 0.50 mm | **Max. log-roll width** | 1,600 mm |
| **Core options** | 76 mm Plastic, 38 mm Plastic, 25 mm Plastic, 76 mm Cardboard | | |
| **Dielectric breakdown** | Not applicable / not recorded | | |

## SPECIFIED INDUSTRIES

PCB & Electronics Assembly

## BASIS OF THIS DOCUMENT

This sheet is generated directly from the Prajwal Polyplast product record at the moment of download, so the values always reflect current stored data. It is a summary of recorded product data and is not a substitute for a specification, a certificate of analysis or a signed quality document.

Release liner, coating weight, adhesive coat weight, backing thickness breakdown and any additional construction layers are not held on this record and are therefore not described here. Request a sample or a certificate of analysis from the quality lab if the as-built construction is required.

Values are typical results from controlled laboratory testing, provided for reference only, and do not constitute a specification for acceptance. Perform your own evaluation against the exact application before production release. Confirm the current revision with the quality lab before relying on this sheet. · Prajwal Polyplast · info@prajwalpolyplast.com