

Filament Tape



GF0302-180XX

Weasy

Technical Data Sheet

Product Description



- * Weasy GF0302-180XX is a cross-waved fiberglass web in between ensures the dimension stability in both directions
- * A versatile adhesion on various materials including rubber, PP/PE, PET/PBT, ABS, PMMA, general plastics, metal, glass etc.
- * Remains good adhesion at wide temperature range (depends on the nature and the weight of the sealing materials).
- * The lamination work can be operated in all the natural temperature environments such as winter (above 0°C) and summer (the best operation temperature should be 15-35°C, the lamination operation becomes harder as temperature decrease gradual from room temperature to 0°C, because the glue film become firm). Once laminated (stuck) the laminate adhesion remains well through normal environment temperature.

Product Construction

Release paper	Color	Reinforcement	Adhesive
Glassine release paper	Yellow	Glass yarn	Pressure Sensitive Adhesive

Typical Physical Properties

(21 Degree, stainless steel)

Note: Typical data for reference, not for specification purpose.

Testing method

Face adhesive	0.095mm (thickness)	
Backing adhesive	0.095mm (thickness)	
Release liner	0.075mm	
Total Thickness	0.265mm	
Peel adhesion at 180 °	50N/25mm	D 3330
Initial adhesion:	14#	D 3121
Holding Power:	> 72h	D 3654
Elongation:	8%	D 3759

Features

The reinforced fiberglass yarn provides the filament tapes high tensile strength; the PET film backing provides excellent abrasion and moisture resistance. The proper packaging-grade adhesive is specially to provide good initial adhesion & long-term holding power.

Little knowledge for tape application:

- * The laminated adhesion depends on the contact area therefore a proper pressure & time helps improve the adhesion strength.
- * The substrates should be clean without oil, clean using solvents when necessary.

- * The best laminate temperature is room temperature; it becomes hard when temperature approach 0°C as the adhesive film becomes firm.

Suggested Uses

- * Use for Difficult substrates or 2 different types of substrates.
- * Wide environment temperature range.
- * sealing for furniture door and windows in construction.
- * Lamination of difficult substrates.

Storage:

- * First-in-first-out.
 - * Store in cool, dry place without sunshine.
 - * Storage life: 2 years from the date of ma king.
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The above data and the statement are based on our best knowledge and experiments. And it is for reference only. We do not guarantee the suitability of our above-mentioned product(s) for your specific uses. It is a must that the users conduct proper tests to ensure the suitability of our product for users' specific purposes before practical uses.

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