

# Filament Tape

## GF0302-180I



Weasy

### Technical Data Sheet

#### Product Description



- \* Weasy GF0302-180I is a cross-woven 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	0.1mm (thickness)	
Release liner	0.1mm	
Total Thickness	0.275mm	
Peel adhesion at 180 °	50N/25mm	D 3330
Initial adhesion:	16#	D 3121
Holding Power:	>72h	D 3654
Elongation:	3%	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.

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**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.

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**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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