



JLW-2080

Bi-Directional Filament Tape

| Physical Properties | Standard | Metric | Test Method | |
|---------------------|-------------------|-------------|-------------|-------------|
| Reinforcement | Fiberglass | | | |
| Adhesive | Hot Melt Adhesive | | | |
| Backing | PET | | | |
| Color | Clear | | | |
| Total Thickness | 5.5 mils | 0.14 mm | ASTM D-3652 | GB/T7125 |
| Peel Adhesion 90° | 79 oz/in | 22 N/25 mm | ASTM D-3330 | GB/T2792 |
| Holding Power | 24±5h | 24±5h | ASTM D-3654 | GB/T4851 |
| Tensile strength | 124 lbs/in | 550 N/25 mm | ASTM D-3759 | GB/T7753 |
| Elongation at Break | 3-5% | 3-5% | ASTM D-3759 | GB/T7753 |
| Service Tem.--Mini | 23°F | -5°C | BC/BD-220SE | BC/BD-220SE |
| Service Tem.--Max | 140°F | 60°C | DHG-9055A | DHG-9055A |

Description

JLW-2080 is a high-strength bidirectional fiber tape made with a PET film and glass fiber substrate. It features high adhesion and is suitable for heavy-duty cargo bundling, carton packaging, reinforcing shipping cartons during transportation, and tear strips for express packages.

Performance Features

JLW-2080 is a transparent, high-strength bidirectional fiber tape. The glass fiber strands provide this tape with superior tensile strength compared to ordinary tapes. It uses a modified hot melt adhesive, enabling secure bundling of materials and components during production and transportation. The tape offers bidirectional reinforcement and strong adhesion, with excellent wear resistance, impact resistance, and high retention strength.

Shelf Life

Up to one years from the date of shipment with proper storage.

Storage Condition

It is recommended to store the product in a clean, dry environment to prevent packaging damage. Avoid placing it near volatile solvents. The optimal storage temperature is between 39-79°F (4-26°C), with a relative humidity of 40%-50%. Rotate inventory regularly to maintain product quality.

The test results provided above represent average values obtained under laboratory conditions and are intended for general reference only. JL3 does not guarantee the accuracy, completeness, or performance consistency of these results. These values do not constitute a warranty, either express or implied, including but not limited to warranties of performance, safety, or fitness for a particular purpose—whether the product is used alone or in combination with other materials. JL3 strongly recommends that users conduct independent testing to determine the product's suitability for their specific application prior to use. JL3 assumes no liability for any damage, loss, or injury arising from the use of this product. All sales are subject to JL3's standard terms and conditions. Product specifications and information are subject to change without prior notice.

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