



## JLW-2090

### Bi-Directional Filament Tape

Physical Properties	Standard	Metric	Test Method	
Reinforcement	Fiberglass			
Adhesive	Hot Melt Adhesive			
Backing	PET			
Color	Clear			
Total Thickness	5.9 mils	0.15 mm	ASTM D-3652	GB/T7125
Peel Adhesion 90°	90 oz/in	25 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-2090 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-2090 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, allowing materials and components to be securely bundled 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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