



JL3 TAPE

TECHNICAL SPECIFICATION



JLT-5160

FIBER WRAPPING TAPE

Physical Properties	Standard	Metric	Test Method	
Reinforcement	Chemcial Fiber			
Adhesive	Hot-melt Adhesive			
Backing	PET			
Color	Clear			
Total Thickness	7.8 mils	0.20 mm	ASTM D-3652	GB/T7125
Peel Adhesion 90°	/	/	ASTM D-3330	GB/T2792
Holding Power	/	/	ASTM D-3654	GB/T4851
Tensile strength	253 lbs/in	1800 N/40 mm	ASTM D-3759	GB/T7753
Elongation at Break	25-28%(40mm)	25-28%	ASTM D-3759	GB/T7753
Service Tem.--Mini	/	/	BC/BD-220SE	BC/BD-220SE
Service Tem.--Max	/	/	DHG-9055A	DHG-9055A

Description

JLT-5160 is a high-strength unidirectional fiber tape made with PET film and chemical fiber as the substrate. It features high tensile strength and elongation, making it suitable for heavy-duty bundling, piping, pallet securing, and reinforcing transportation applications such as bridge steel cables.

Performance Features

JLT-5160 is a transparent, high-strength fiber tape reinforced with chemical fiber strands. Compared to ordinary tapes, it offers superior tensile strength and elongation, ensuring better securement of bundled items and components during production and transportation. It features excellent wear resistance, impact resistance, and high elongation.

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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