



JLT-602A

Mono-Directional Filament Tape

| Physical Properties | Standard | Metric | Test Method | |
|---------------------|------------------|------------|-------------|-------------|
| Reinforcement | Fiberglass | | | |
| Adhesive | Synthetic Rubber | | | |
| Backing | PET | | | |
| Color | Clear | | | |
| Total Thickness | 5.9 mils | 0.15 mm | ASTM D-3652 | GB/T7125 |
| Peel Adhesion 90° | 90 oz/in | 25N/25 mm | ASTM D-3330 | GB/T2792 |
| Holding Power | 36±5 h | 36±5 h | ASTM D-3654 | GB/T4851 |
| Tensile strength | 191 lbs/in | 850N/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 | 158°F | 70°C | DHG-9055A | DHG-9055A |

Description

JLT-602A is a high-strength unidirectional filament tape based on PET film and fiberglass. It features high adhesion and long-lasting holding power, making it suitable for bundling heavy items, pipe wrapping, pallet securing, and reinforcing carton packaging during transportation.

Performance Features

JLT-602A is a transparent, high-strength filament tape. Reinforced with fiberglass filaments, it offers superior tensile strength compared to standard tapes. It uses a modified synthetic rubber adhesive, ensuring secure bundling of bonded items and components during production and transportation. The tape provides excellent abrasion resistance, impact resistance, and high holding power.

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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