PET Cloth Tape (Hand-tearable)

BY1300 · Adhesive Tape Series



Description

PET cloth tape uses high-strength polyester fabric as the base material, coated with synthetic rubber or acrylic adhesive. It features high adhesion, corrosion resistance, a soft texture and easy hand-tearing. The product meets low-VOC and low-odor environmental requirements.

Product Features

- Hand-tearable
- High adhesion
- Stable and corrosion-resistant
- Soft and flexible

Standard / Certification

ROHS · REACH

Technical Data

Property	Unit	Model
Product Grade		BY1300
Color		Black
Thickness	mm	0.14
Substrate		PET Polyester Fabric
Adhesive		Synthetic Rubber
Tensile Strength	N/cm	63
Elongation at Break	%	18
Adhesion to Steel	N/cm	3.5
Temperature Resistance	℃	−40 ~ 125℃
Noise Damping	dB(A)	Class A (≤2)
Abrasion Resistance	cycle	Class A (0~99)
Flame Retardancy		Class B, Self-extinguishing
Tearability		Hand-tearable
Environmental Certification		ROHS2.0 REACH

Notes

• Note: The above parameters are typical values for reference only.

PET Cloth Tape (Hand-tearable)

Product Advantages

- **Hand-tearable, No Tools Required**
  - Tears smoothly by hand without scissors or tools for fast application and higher assembly efficiency.
- **High Adhesion**
  - High-performance adhesive delivers strong initial and holding tack (steel adhesion 3.5 N/cm) for firm, reliable bundling.
- **Stable & Corrosion-Resistant**
  - Chemically stable substrate and adhesive layer resist common media corrosion for reliable long-term performance.
- **Soft & Flexible**
  - Soft and flexible, conforming well to harnesses and irregular surfaces for smooth, secure wrapping.
- **Wide Temperature Range & Flame Retardancy**
  - Operating range –40°C to 125°C with B-class self-extinguishing flame retardancy – moderate heat resistance plus electrical safety.
- **Eco-friendly, Low VOC & Low Odor**
  - Compliant with ROHS2.0 and REACH with low VOC and low odor – ideal for enclosed environments such as vehicle interiors.

Application Scenarios

- **Automotive Cable Bundling**
  - For long-term secure bundling and wrapping of automotive cables, balancing heat/abrasion resistance with low-odor requirements.
- **Industrial Equipment Wiring**
  - Secure bundling of industrial equipment wiring with moderate temperature and abrasion resistance for lasting reliability.
- **Moderate Temperature & Wear Protection**
  - For harness wrapping and protection where moderate temperature and abrasion resistance are required.