PET Cloth Tape (Non-tearable)

B1300 · Adhesive Tape Series



Description

Non-tearable cloth tape uses PET polyester fabric as the base material, coated with high-performance adhesive. It features high tack, abrasion resistance and high-temperature resistance, and meets low VOC requirements.

Product Features

- Abrasion resistant
- High adhesion
- High temperature resistance

Standard / Certification

ROHS · REACH

Technical Data

Property	Unit	Model B1300	Model B1600
Product Grade		B1300	B1600
Color		Black	Black
Thickness	mm	0.25	0.25
Substrate		PET Polyester Fabric	PET Polyester Fabric
Adhesive		Synthetic Rubber	Synthetic Rubber
Tensile Strength	N/cm	230	220
Elongation at Break	%	45	30
Adhesion to Steel	N/cm	4.5	4.5
Temperature Resistance	˚C	−40 ~ 125˚C	−40 ~ 150˚C
Noise Damping	dB(A)	Class A (≤2)	Class A (≤2)
Abrasion Resistance	cycle	Class D (1000~4999)	Class D (1000~4999)
Flame Retardancy		Class B, Self-extinguishing	Class B, Self-extinguishing
Tearability		Non-tearable	Non-tearable
Environmental Certification		ROHS2.0 REACH	ROHS2.0 REACH

Notes

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

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Product Advantages

- **High Adhesion**
  - PET polyester fabric coated with high-performance adhesive offers strong initial and holding tack (steel adhesion 4.5 N/cm) for firm, reliable wrapping.
- **Abrasion & Scratch Resistance**
  - Tough substrate with high abrasion resistance (Class D, 1000-4999 cycles), built for friction and vibration.
- **High Temperature Resistance**
  - B1300 rated -40°C to 125°C, B1600 rated -40°C to 150°C - suited to engine compartments and hot environments.
- **A-Class Noise Damping**
  - A-class noise damping (≤2 dB(A)) effectively suppresses vibration noise from wiring.
- **B-Class Self-extinguishing Flame Retardancy**
  - B-class self-extinguishing flame retardancy improves safety in electrical and high-temperature environments.
- **Eco-friendly, Low VOC**
  - Compliant with ROHS2.0 and REACH with low VOC - suitable for enclosed spaces and vehicle interiors.

Application Scenarios

- **Engine Compartment Harness Protection**
- Designed for key harness locations requiring high temperature and abrasion resistance, such as engine wiring harnesses.
- **General High-Temp & Wear-Resistant Harness Protection**
- Suitable for all harness protection scenarios with high temperature and abrasion requirements.
- **Noise-Sensitive & Low-VOC Environments**
- A-class noise damping and low VOC make it ideal for vehicle interiors and enclosed electrical equipment sensitive to odor and noise.