

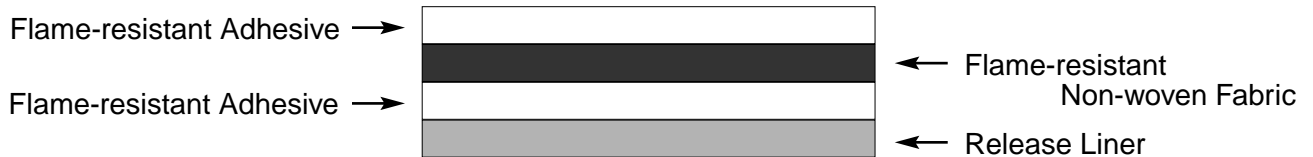
Double-coated adhesive tape

No.5011N

Outline

A double-coated adhesive tape using a flexible non-woven fabric impregnated with a fire resistant adhesive.

Structure



Features

- UL-94, VTM-0 qualified product
- Excellent rough surface and initial adhesion
- Excellent low temperature adhesion

Usage

For adhesive applications requiring resistance to fire

General Properties

Item	Unit	Properties
Thickness	mm	0.15
Adhesive Strength(Stainless Steel)	N/20mm	14.3
Shear Strength	N/20mm x 20mm	340

Thickness:Measurement is made by using a dial gauge with a contact surface of 5mm diameter, scaled in 1/1000mm increments.

Adhesive strength:A 20mm-wide strip of a double-coated adhesive tape (lined with PET25μ) is attached onto a substrate by running a 2kg roller over the tape twice under normal temperature (23°C, 65% relative humidity). After leaving the specimen for 30 minutes under normal temperature, the peel test machine peels the tape at the speed of 300mm/min. in the 180-degree direction to obtain the adhesive strength.

Shear strength:A double-coated adhesive tape (20mm x 20mm) is sandwiched between two stainless steel plates under normal temperature and pressed by running a 5kg roller over the specimen twice. After leaving the specimen for 30 minutes under normal temperature, the peel test machine peels the specimen at the speed of 50mm/min. in the shear direction to obtain the shear strength.

Adhesive Strength by Substrate

	Stainless Steel	PP	ABS	Flame-resistant Urethane Foam
Adhesive Strength (N/20mm)	13.8	13.0	13.5	7.0

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