F503
Flame-retardant Tissue Paper Double Sided Tape

Composition:

Flame-retardant Acrylic Adhesive
Tissue Paper
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Release Liner
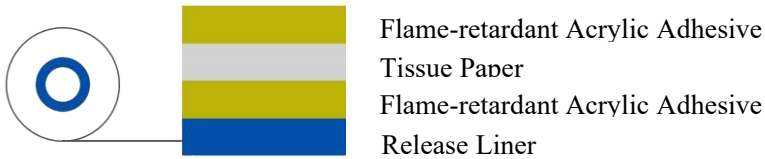
Applications:

・Punching, bonding of nameplates, membrane switch and automobile accessories with fireproof requirements.

・Interior materials for automobiles, train cars and airplanes.

・For various foam materials such as PU, PE, EPDM, PET.

Features:

・UL94 VTM-0 certified.

・Superior initial adhesion.

・Excellent adhesion to rough surfaces.

・Excellent performance under a wide range of temperature condition.

・Low smoke, non-toxic, low burning rate and no dripping during burning.

Standard Size

・ Total Thickness (without release paper)	0.12mm
・ Liner thickness	0.11mm
・ Width	10mm-1020mm
・ Length	50m-500m

Technical Data (average values)

・Backing material	Tissue paper
・Color	White
・Type of adhesive	Acrylic Pressure Sensitive Adhesive
・Temperature resistance range	-20°C-60°C
・Temperature resistance short term	100℃
・Temperature resistance long term	60℃
・Loop tack	≥26#
・Holding power	Up to 180°C for 120 min.

180 Degrees of Peeling Adhesion	
Substrate	**Avg. Test Values**
Stainless Steel	16N/25mm
ABS	15 N/25mm
PC	20 N/25mm
PE	4 N/25mm
PVC	17 N/25mm
PP	10 N/25mm

Unit:N/25mm
Sample Width:25mm
Backing Material: PET film
Application Condition:
3 pass back and forth with a
2.5kg roller
Peeling Speed: 300mm/min
Peeling Angle: 180 degree
Measurement Temperature:
23℃/65%RH
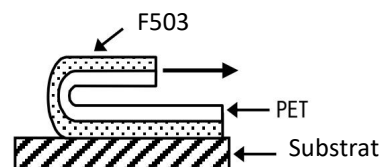
Storage:

1. To obtain optimal adhesion, the bonding surface must be dry and clean.

2. The ideal application temperature range is 20℃ to 40℃. To apply tape on surface at temperature below 10°C be not recommend, because the adhesive becomes firm to adhere lightly.

Test Method: In accordance with GB/T 4851-1998 method.

Shelf Life:

12 months when stored in original carton at 23°C and 65% relative humidity

Other:

● Rewinding length commonly used: 55m /roll, and can be processed according to customer demand
● Special carton packaging