

RT-DS302: Double-sided Acrylic Foam

Product Description

RT-DS302 is a high performance acrylic foam double-sided tape. Its color is Grey, it owns features includes: flexible, good adhesion to many painted metals, resistant to plasticizers.

It's high performance simplifies the application.

It meets the requirements and regulations of ROHS in terms of environmental protection.

Density acrylic foam substrate, excellent strength in bonding and sealing makes it to be alternative to the traditional mechanical connection methods such as riveting and welding to fix the structure.

Also UV resistance, solvent resistance, ideal for being used outdoors.

Main Application

Car interior trim. Door/window trim. Sealing strip. Car standard. Balance block, etc.

Electronics industry. Mobile digital. PCB. Assembly. LCD TV panel bonding. Signage. Fixed nameplate. Anti-vibration of electronic and electrical products, etc.

Labels. Letters in aluminum, PC.PP and ABS, etc. Bonding of Chinese characters, fixing of household appliances, fixing of

Typical Physical Properties

Test Item	Test value	Unit
Total Thickness	0.8±0.05	mm
Adhesive	Acrylic	-
Density	800	kg/m3
Color	Grey	-
Static shear strength (10000min, 0.5 square inches)	22°C	1500
	66°C	500
	93°C	500
Dynamic Shear (tensile strength) (6.45 cm ² , 50mm/min)	1020	Kpa
Peel Adhesion at 90°	70	N/25mm
Temperature Resistance	Short term 150 Long term 93	°C

Storage Conditions

Store in a dry cleaning, the temperature is 5 °C to 30 °C, storage life for a year, to avoid organic solvents, sharp objects during storage, nor rolling and throws. Based on the properties of pressure-sensitive adhesive tape, we sincerely recommend:

- 1) the use of adhesive tape conditions suggested control for 20 ~ 30 ~ 35 °C, 60% RH; Please don't do paste operation when below 15 °C;
- 2) before pasting, make sure the surface of the adhesive is clean and dry;
- 3) in order to make the adhesive belt give full play to its stickiness, it is suggested to paste it at one end first, and apply pressure of 1.5kg/cm² or more to the other end slowly under the premise of the adhesive material.

Shelf life 12 months after production data (under appropriate environment)

Press the tape when applying which will boost the connection between the adhesive and the adherend.

The applying area increases the infiltration of the glue to the adherend, which is beneficial to improve the bonding strength. Meanwhile, clean and dry the surface of the adherend before applying.

Under the environment with temperature of 20°C to 40°C is recommended when applying the tape.

Too cold environment will reduce the bonding strength to adherend, as well as reduce the cushioning of tape.

Test it before applying is recommended.

Rudder(Xiamen) Industrial Co.,Ltd.

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