

**BT 8545**

**Rev.No: 00**

**DATE: 01.07.2023**

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**DESCRIPTION**

BT 8545 is a specially formulated butyl based tacky tape for specific use in automotive trim sealing.

**KEY FEATURES**

Good adhesion properties with painted sheet metal and remains non-hardening over the life of the assembly	No corrosion with painted metal surface
Preventing ingress of moisture and vibration	Exhibits greater shear and peel strength
Good vibration and sound dampening material	Low density sealing tape

**USES**

Water leak seizure	Water shield sealer for automotive door application
Temperature resistance to 90°C for 2 hours	Good service life.

**PERFORMANCE**

	UNIT	SPECIFICATION	TEST METHOD
Appearance	-	Roll form	TT - 01
Colour	-	Black	TT - 02
Specific gravity at 30°C	g/cc	1.00 -1.40	TT - 05
Needle penetration at 30°C	1/10 <sup>th</sup> mm	55 - 75	TT - 08
Nonvolatile content at 105 °C for 3hrs	%	Min 99	TT - 09
Water absorption at 30°C	%	Max 0.5	TT - 12
Sealability test at 100mm water column for 20seconds	mm	Min 100	TT - 24
Peel strength 1.After 24hrs of application at RT 2.After heat aging at 50°C 3.After aging at 5°C	Kg/25mm	Min 1.40 Min 1.40 Min 1.50	TT - 11
Heat aging test at 90 °C for 2hrs	-	No surface crack & adhesion loss	TT - 17
Service temperature	°C	-40 to 90 °C	TT - 33

❖ **TT- TALON TEST METHOD**

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## APPLICATION

- ❖ Application temperature range: 5 to 40 °C
- ❖ **Storage conditions:** Store in cool and dry place (25- 35deg.c) at the original packing (Flat position always)
- ❖ **Self-life:** 12months

## INSTRUCTION

- **Surface preparation:** All surfaces should be clean, dry, and free from frost, grease, and loose materials. When cleaning contaminated substrates, our recommend that propan-2-ol (IPA) is used and allowed to dry prior to the application of the butyl tape.
- **Application:** Apply direct from the reel onto one surface and press sufficiently along its whole length to achieve good initial adhesion. Remove backing paper and offer another surface to the sealant and push firmly to seal across the joint.

## STD PACKING

### Rectangular Section:

2.5mm X 6mm X 15m- 20rolls  
2.5mm x 9mm x 15m – 20rolls

### Dia Section:

3mm X 5m - 10rolls  
4mm X 5m - 10rolls  
6mm X 5m - 10rolls

**Note:** According to the customer requirement the packing will varied.

## TOLERANCES

### Rectangular Section:

Thickness: ± 10%  
Width: up to 10mm- ± 5%  
Length: ± 5%

### Dia Section:

Dia: ± 10%  
Length: ± 5%

## GENERAL

BT 8545 is part of a range of butyl products. For further information, please contact our Customer Care Team or visit our website.

*The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.*