



Product Information

tesa® 58685 400 µm radar absorber tape

Product Description

excellent product design brings customer good absorption performance, and bringing customer very great adhesion performance for its positioning.

- Excellent absorption performance for 76 ~ 81GHz radar application.
- Great bonding performance keeps good connection and position on substrate.

Sustainable Aspects



For more information: https://www.tesa.com/product-sustainability

Product Features

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- Great bonding performance keeps good connection and position on substrate.

Application Fields

single-sided radar absorber tape could be applied in automotive radar system for absorbing reflected interference signals for more accurate detection signal receiving.

suitable for radio frequency 76 ~ 81 GHz, reflection loss no higher than -12dB with tape laminated onto waveguide plate.

Extraordinary peel adhesion meets automotive dynamic motion requirement for keeping it position.

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Product Construction

•	Backing	PE coated paper	•	Type of adhesive	acrylic				
Ρ	Product Assortment								
•	Available colors Available formats	black LOG ROLL TRIMMED	•	Available liners Available thicknesses	PE-coated paper 400				

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Product Information

Properties/Performance Values									
DensityFlame retardancyRelease of liner			1.114 g/cm ³ V-2 easy	•	Surface resistance x-y-direction (adhesive) Temperature resistance (-40°C) Temperature resistance (125°C)	34000 Ohm / square very good very good			
Adhesion to Value	es								
Aluminium (20min @Steel (initial)	RT, S	∂0°)	7 N/cm 11 N/cm	۰	Steel (20min @ RT, 90°)	15 N/cm			
Storage Conditions									
Storage ConditionsTemperature:from +5°C to +30°C									
Relative humidity	:	from 10% to 90%							
Precautions	:	protect for direct sun light, do not store outside							
Other storage advices : avoid mechanical impacts and short overheating									

Additional Information

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Disclaimer

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