

TECHNICAL DATA SHEET

Avery Dennison™ OF 2429 is part of a range of high technology self-adhesive products, developed for specific industrial applications, particularly in the medical, optical or security fields.

CONSTRUCTION & TYPICAL APPLICATIONS

- Consists of a heat sensitive film coated with a blue acrylic adhesive.
- Offers moderate tack and adhesion properties and high cohesion.
- Presented on a calendered paper liner.
- Optical Industry: specially designed for the fastening and protection of lenses during the manufacturing process.



Adhesion with Substrates			
Metal / Aluminum	Medium	Acrylic / PET	Medium
Glass / Ceramics	Medium	Polystyrene	Medium
Painted Surface	Medium	PP / PE / PS	Medium
Wood / Board / Paper	Medium	Textile / Cotton	Medium
Soft PVC	Low	Rubber / EPDM	Medium
Rigid PVC	Medium	Smooth Substrate	Medium
PC / ABS	Medium	Rough Substrate	Medium

RESISTANCE

- Resistant to water, detergents, alcohol, aliphatic and some aromatic hydrocarbons. Medium resistance to plasticizers and low outdoor resistance. Not recommended for use in contact with aliphatic, aromatic chlorinated hydrocarbons, ketones, esters and chlorinated hydrocarbons.

SHELF LIFE

- 2 years when stored at 15/25 °C and ± 50 % relative humidity.



**AVERY
DENNISON**

Performance
Tapes

ADHESIVE DATA	Typical Values*		Test Method
	MIN	MAX	
Quick Tack (N/25 mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)	8	16	FTM 9
Peel 180° (N/25 mm) on brushed stainless steel (ref. Nokoro 304 poli. N°4)			
- After 20 min	7	13	FTM 1
- After 24 hr	9	15	FTM 1
Shear on brushed stainless steel (ref. Nokoro 304 poli. N°4) 1kg – 25mm x 25mm (hours)	>1000		FTM 8
CARRIER DATA	Typical Values*		Test Method
Thickness (μ)	100		ISO 534
Minimum Activation Temperature	45 °C		
Elongation (%) (max)			
TEMPERATURE RESISTANCE	Typical Values*		Test Method
Minimum Application Temperature	+5 °C		
End-use Temperature Range	- 40 °C to + 90 °C		
Short Term Resistance			
RELEASE LINER	Typical Values*		Test Method
White Silicone Paper	65 gr/sqm		ISO 536
THICKNESS	Typical Values*		Test Method
Carrier + Adhesive	134 μ		ISO 534

*Values given are typical and are not necessarily for use in specifications

APPLICATION TECHNIQUES

- It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

IMPORTANT NOTICE

Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Avery Dennison materials described herein are sold subject to Avery Dennison Conditions of Sales, a copy of which is available upon request.

For more information on our bonding tapes and adhesive solutions, call us:

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