TECHNICAL DATA SHEET

Avery Dennison™ OF 2494 Is a single coated heat sensitive clear PE film coated with a blue azur acrylic adhesive. It is used in the Optical industry and it is designed for the fastening and protection of lenses during the manufacturing process.

FEATURES

- Specially designed pigmented adhesive
- Heat sensitive clear PE film carrier
- Medium release liner
- Removability

BENEFITS

- Adhere properly onto the lens and the alloy part
- Highly conformable to convex substrates
- Deblock easily from the alloy part
- Peel off cleanly from the lens leaving no residue
- Act as a shield between the warm alloy part and the (fragile) lens.

CONSTRUCTION

Carrier: Clear PE film
Adhesive: Blue azur acrylic adhesive
Liner: White glassine

Classification: Avery Dennison - Public

Adhesive Properties		Typical Values		
THICKNESS (ASTM D3652)		**US Mils**	**MM's**	**Micron's (µm)**
Liner		2.20	0.056	56
Carrier & Adhesive		4.29	0.109	109
Total Caliper		6.50	0.165	165
PEEL ADHESION (ASTM D3330) 180° (12") 300 mm / min @ Room Temp				
SUBSTRATE		**Lbf / in**	**US Oz / In**	**N / Meter**
Stainless Steel	24 hr dwell	2.06	33	360
LOOP TACK (ASTM D6195) (12") 300 mm / min @ Room Temp				
SUBSTRATE		**Lbf / in**	**US Oz / In**	**N / Meter**
Glass	Initial	2.28	37	400
STATIC SHEAR (ASTM D3654) 1"sq (6.25 cm^2) 1000 g @ Room Temp				
SUBSTRATE		**Min to Fail**		
Stainless Steel	Initial	> 500		
TEMPERATURES			**°F**	**°C**
Minimum Application Temperature			41 °F	5 °C
Minimum Service Temperature			-40 °F	-40 °C
Maximum Service Temperature			194 °F	90 °C

Note: The listed values are typical only and not intended to serve as product 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

STORAGE / SHELF LIFE

When stored between 15°C and 30°C, relative humidity between 30% and 70%, out of direct sunlight, in original packaging:

- Tape performance (adhesion, tack, release) can be guaranteed for 2 years after shipment.
- Absence of discoloration from the roll edge can be guaranteed for 1 year when stored in a dark place in the unopened original packaging

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

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www.tapes.averydennison.com

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