



AFB™ 6464WR

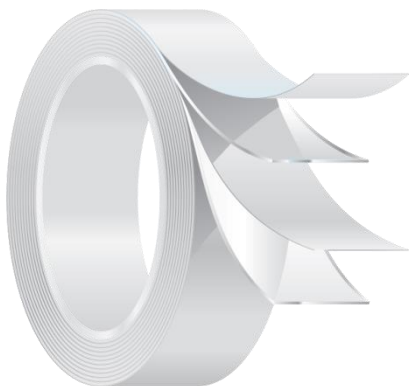
Avery Dennison AFB 6464WR is a white acrylic double coated foam tape, with acrylic adhesive for low surface energy substrates on both sides. This firm yet thin foam adhesive is a custom solution for low surface energy (LSE) substrates and features an additional layer of modified acrylic adhesive for good bonding to powder coated paints. The conformable foam density level enables good lamination on irregular substrates, and offers good weather and environmental resistance. Used for construction and mounting, attachments, and bonding of bumper rails and nameplates on low surface energy (LSE) materials.

FEATURES:

- Foam tape with viscoelastic acrylic foam carrier
- Closed cell structure
- Acrylic adhesive system
- Easy release polyethylene liner

BENEFITS:

- High adhesion combined with good shear and stress relaxation; absorbs shock and distributes stress evenly
- Good resistance to moisture, UV, high temperature
- Uniform bonding performance
- Can help eliminate the need for mechanical fasteners, drilling or grinding and related clean-up for certain applications
- Polyethylene liner helps provide good moisture stability and easier converting with its high tear strength



CONSTRUCTION:

Liner:

Red PE liner with Avery Dennison logo

Adhesive:

LSE Acrylic

Carrier:

White Acrylic Foam Core

Adhesive:

LSE Acrylic

AFB6464WR

Adhesive Properties	Typical Values		
	US Mils	mm	Microns (µm)
THICKNESS			
Adhesive + Carrier	25.2	0.64	640
Liner	6.3	0.16	160
Total	31.5	0.80	800

*PSTC-133

PEEL ADHESION

2 mil PET; 180°; 12" / min

Substrate	Lbf / in		N / 25mm	
	20 min	24 hr	20 min	24 hr
Stainless steel	8.2	13.6	36	60

*PSTC-101, ASTM D-3330, STD-10

DYNAMIC SHEAR

2 mil PET; 0.5 in / min; 1" sq (12.7mm/min),72hr@RT

Substrate	Lbf / in ²	kPa
Stainless steel	118.9	820

* ASTM D-1002

NORMAL TENSILE

Aluminum 2in / min (50.8 mm / min) 1" sq (6.5 cm²),72hr@RT

Substrate	Lbf / in ²	kPa
Stainless steel	116.8	805

*ASTM D-897

STATIC SHEAR

2 mil PET; 1" sq (6.5 cm²); 500g@90°C

Substrate	Min to Fail
Stainless steel	>10,000 min

*PSTC-107, ASTM D 3654, STD-9

TEMPERATURES

Min. Application Temp.	50 ° F	10 ° C
Max. Continuous Operating Temp.	212 ° F	100 ° C
Max. Intermittent Operating Temp.	248 ° F	120 ° C

*TEST METHODS

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

APPLICATION TECHNIQUES

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

STORAGE AND SHELF LIFE

The shelf life of the product is one year when stored at 18-22°C / 64-72°F, 30-70% relative humidity and out of direct sunlight, in original packaging.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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For more information on our bonding tapes and adhesive solutions, visit Tapes.AveryDennison.com