

Material:	FM Y 422A
------------------	------------------

Overview:

Avery Dennison FM Y422A is a white foam tape with a double coated acrylic adhesive on both sides. It has good tack and very high shear properties. FM Y422A is suitable for lens grinding applications.

Description:

Avery Dennison FM Y422A is a high-performance double-coated foam tape designed for various bonding applications. Here are some key specifications and features:

- **Construction:** The tape features a 0.8 mm closed-cell polyethylene foam carrier with cross-linked acrylic adhesive on both sides. This structure provides excellent conformability to irregular surfaces, making it versatile for different applications.
- **Adhesive Properties:** The tape exhibits excellent peel adhesion to a variety of substrates, including stainless steel, polycarbonate, painted steel, and rigid polypropylene. The bond strength is so strong that it often exceeds the internal strength of the foam itself.
- **Temperature Resistance:** FM Y422A can withstand temperatures from -40°F (-40°C) to 194°F (90°C), making it suitable for both indoor and outdoor applications. The minimum application temperature is 50°F (10°C)?
- **Durability:** It offers outstanding resistance to solvents, moisture, UV light, and chemicals, ensuring long-lasting performance in demanding environments?

Parameters:

Characteristics	Units	Value	Test Method
Series		Foam tape	
Application use		Bonding, Mounting	
Type		Double-coated	
Shape		Roll	
Thickness	mm	0.985	Caliper
Application surfaces		HSE plastic, LSE plastic	
Carrier material		PE foam	
Adhesive type		Permanent synthetic rubber resin	
Color		White	
Backing liner		Silicone glassine	
Operation temperatures	°C	-40 - 90	Thermometer

90° Peel Adhesion (on S. Steel at 22°C)	N/cm		ASTM D3330
90° Peel Adhesion (on PP at 22°C)	N/cm	? 12	ASTM D3330

Warranty:**Technical data**

All information and statements contained in this document are based on the manufacturer's or material supplier's sources known to us at the time of filing. PERLON, spol. s r.o. believes them to be reliable in good faith, but the accuracy and/or completeness of such information is not guaranteed. The data should be considered representative or typical only and should not be used for specification purposes. Manufacturers reserve the right to make changes to the design, construction and technical data of products without prior notice.

Use of the product

Many factors beyond the control of PERLON, spol. s r.o. and known only to the user may affect the use and performance of materials in a particular application. Therefore, we recommend that the customer perform their own tests of the suitability and performance of the material for their application and to a responsible extent for reliable results. As a result, the customer is solely responsible for evaluating the product and determining if it is suitable for the customer's application, including evaluating workplace hazards and reviewing all applicable regulations and standards. Failure to properly evaluate, use, or comply with all applicable safety regulations may result in injury, illness, death, and/or property damage if the material and associated safety is not properly evaluated. PERLON, spol. s r.o. makes no warranties of fitness for a particular purpose.

Limitation of liability

PERLON, spol. s r.o. shall not be liable for any loss or damage arising out of or relating to the product material, whether direct, indirect, special, incidental or consequential (including, but not limited to, loss of products or business), regardless of the applicable legal practice, including but not limited to warranty, contract, negligence or strict liability.

www.convertimg.sk