

TruBond™ Acrylic Foam Tape

144036 • 1440108 • 124036 • 1240108



Technical Data January, 2021

Product Description	Summit's Acrylic Foam Tapes 144036, 1440108, 124036 and 1240108 are double coated pressure sensitive adhesive tapes for bonding a wide variety of substrates including lower surface energy materials such as powder coated paints, plastics and glass. The foam is conformable to increase contact with surfaces.		
Construction	Adhesive:	Synthetic	
	Adhesive Carrier:	Acrylic Foam (closed cell)	
	Thickness:	144036 1440108	0.040 in. (1.0mm) 0.040 in. (1.0mm)
	Density:	124036 124018	0.040 in. (1.0mm) 0.040 in. (1.0mm)
	Liner:	Red polyethylene film	
	Tape Color:	Clear	
	Typical Physical Properties and Performance Characteristics	Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.	
Peel Adhesion: (stainless steel)		144036 1440108 124036 1240108	20 lb./in. width (300N/100mm) 20 lb./in. width (300N/100mm) 20 lb./in. width (300N/100mm) 20 lb./in. width (300N/100mm)
Nominal Tensile: (aluminum T-block)		144036 1440108 124036 1240108	90 lb./in. ² (620 kPa) 90 lb./in. ² (620 kPa) 90 lb./in. ² (620 kPa) 90 lb./in. ² (620 kPa)
Dynamic Shear: (stainless steel)		144036 1440108 124036 1240108	90 lb./in. ² (620 kPa) 90 lb./in. ² (620 kPa) 90 lb./in. ² (620 kPa) 90 lb./in. ² (620 kPa)
Static Shear: (stainless steel)		72°F (22°C) 158°F (68°C) 200°F (93°C) 250°F (121°C)	1500g/0.5 sq./in. (holds 10,000 min.) 500g/0.5 sq./in. (holds 10,000 min.) 500g/0.5 sq./in. (holds 10,000 min.) 250g/0.5 sq./in. (holds 10,000 min.)
Solvent Resistance:		High	
Shelf Life:		24 months from date of manufacture (stored in original cartons, 70°F [21°C]/50% RH)	
Temperature Resistance:		Short Term: (minutes, hours) Long Term: (days, weeks)	300°F (149°C) 250°F (121°C)



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Available Sizes:	Standard Lengths:	144036 (1/4" x .040" x 36')	36' (12 yards or 10.97m)
		1440108 (1/4" x .040" x 108')	108' (36 yards or 32.92m)
		124036 (1/2" x .040" x 36')	36' (12 yards or 10.97m)
		1240108 (1/2" x .040" x 108')	108' (36 yards or 32.92m)
	Minimum Width:	1/4" (6.0mm)	
	Slitting Tolerance:	± 1/32 in. (0.8mm)	
	Core Size:	4.0 in. (76.2mm)	
Application Guidelines	For maximum bond strength the surfaces should be thoroughly cleaned with a 50:50 mixture of isopropyl alcohol and water. Consult manufacturers' directions for use and precautions when using cleaning solvents. Ideal tape application is accomplished when temperature is between 70° and 100°F (21° and 38°C) and the bond is allowed to dwell 72 hours. Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended.		
For Additional Information	To request additional product information or to arrange for sales assistance, call toll free 1-713-896-3100 or visit summithardwareco.com . Address correspondence to: Summit Hardware Co. 7954 Breen Drive, Houston, TX 77064. Our fax number is 1-713-583-5583.		
Certification/Recognition	<p>MSDS: Summit Hardware Co. has not prepared an MSDS for these products which are not subjected to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R. 1910.1200(b)(6)(v). When used under reasonable conditions or in accordance with the Summit's directions for use, these products should not present a health and safety hazard. However, use or processing of the products in a manner not in accordance with the directions for use may affect their performance and present potential health and safety hazards.</p> <p>TSCA: These products are defined as articles under the Toxic Substances Control Act and therefore, are exempt from inventory listing requirements.</p>		
Important Notice	User is responsible for determining whether the Summit product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a Summit product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a Summit product. Given the variety of factors that can affect the use and performance of a Summit product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Summit product to determine whether it is fit for a particular purpose and suitable for the user's method of application.		
Limited Warranty	Summit Hardware Co. warrants for 24 months from the date of manufacture that our TruBond Acrylic Foam Tape will be free of defects in material and manufacture. SUMMIT HARDWARE CO. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty does not cover damage resulting from the use or inability to use Summit's TruBond Tape due to misuse, workmanship in application, or application or storage not in accordance with Summit's recommended procedures.		
Limitation of Remedies And Liability	If the Summit's TruBond Tape is proved to be defective within the warranty period stated above. THE EXCLUSIVE REMEDY, AT SUMMIT'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE TRUBOND ACRYLIC FOAM TAPE. Summit shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.		

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