



# D/S PE Foam Tapes Series for technical / industrial application

B2103 · R4105 · B4180 · A4208 ·  
Y2104 · B4208 · G4208 ·

## Product Description:

Cactus D/S PE Foam Tapes B2103, Y2104, R4105, B4180, B4208, A4208 and G4208 are made of premium acrylic adhesive for technical / industrial application. Each tape has special characteristics to fulfill particular requests, and the high performance PE foam provides excellent conformity when bonded to irregular or contour surfaces for a secured bonding.

## Construction, Features & Characteristics

	<b>B2103 Y2104</b>	<b>R4105</b>	<b>B4180 B4208</b>	<b>A4208 G4208</b>
<b>Adhesive Tape:</b>	Hi-tacky synthetic PSA coated on both sides	Permanent acrylic (solvent base) PSA coated on both sides	Hi-Shear acrylic (solvent base) adhesive coated on both sides	Acrylic solvent base coated on both sides
<b>Adhesive Carrier:</b>	High performance PE foam			
<b>Thickness:</b>	12 mil (0.34 ± 0.02 mm) 18 mil (0.45 ± 0.02 mm)	18 mil (0.45 ± 0.02 mm)	1/32 Inch (0.8 ± 0.1 mm)	1/32 Inch (0.8 ± 0.1 mm)
<b>Foam Color:</b>	Black (B2103) White (Y2104)	White	Black	White (A4208) Black (G4208)
<b>Release Liner:</b>	3mil Glassine paper in mustard color	4 mil polyolefin release liner in blue color	4 mil polyolefin release liner in Green color 3 mil polyolefin release liner in Green color	3 mil PE release liner in blue color
<b>Foam Density:</b>	20 PCF 16 PCF	16 PCF	8 PCF 6 PCF	6 PCF
<b>Characteristics:</b>	Hi-tacky strength, good resistance for solvent, chemical, UV & heat High shear strength, good weather & heat resistance	Flexible foam providing excellent conformity when bonded to irregular or contour surfaces, for a secured bonding	High shear adhesive system for secure long-term bonding performance Good resistance to weathering, oxidation, UV & wide temperature range	Bonding securely to wood, glass, stainless steel plate & rigid PVC



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Typical Physical Properties & Performance Characteristics	Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.			
	B2103 Y2104	R4105	B4180 B4208	A4208 G4208
Tack (J.Dow No.)	14 30	26	18 20	30 30
Peel Adhesion: (PSTC-3)	56 oz / 1" (1.6 Kg / 25mm) 50 oz / 1" (1.6 kg / 25 mm)	65 oz / 1" (1.8 kg / 25 mm)	50 oz / 1" (1.4 kg / 25 mm) 65 oz / 1" (1.8 kg / 25mm)	73 oz / 1" (2.0kg / 25mm) 73 oz / 1" (1.6kg / 25mm)
Shear Strength: (PSTC-9)	At 77°F (25°C) over 72 hrs, 2.2 lb. (1 kg) of loading At 77°F (25°C) over 72 hrs, 4.4Lb. (2 kg) of loading	At 77°F (25°C) over 72 hrs, 4.4Lb. (2 kg) of loading	At 77°F (25°C) over 72 hrs, 4.4Lb. (2 kg) of loading	At 73°F (23°C) over 24 hrs, 4.4Lb. (2 kg) of loading
Heat Resistance: (PSTC-9)	Sandwiched in 2 stainless steel plates of 1" x 1" (25mm x 25mm)			
	At 176°F (80°C) over 24hrs 1.1 lb.(0.5 kg) of loading At 176°F (80°C) over 24hrs 0.55 lb.(0.25 kg) of loading	At 176°F (80°C) over 24hrs 1.1 lb.(0.5 kg) of loading	At 176°F (80°C) over 24hrs 2.2 lb.(1 kg) of loading	At 176°F (80°C) over 24hrs 1.1 lb.(0.5 kg) of loading
Normal Tensile Strength	Sandwiched in 2 stainless steel plates of 1" x 1" (25mm x 25mm)			
	Over 88 lb. / 1" x 1"		Over 100 lb. / 1" x 1" Over 99 lb. / 1"x 1"	Over 88 lb. / 1" x 1" Over 66 lb. / 1" x 1"
Shelf Life:	Two years from date of receipt by customer when stored at 72°F (22°C) and 50% relative humidity.			
Available Sizes:	Non-standard sizes may be subject to minimum order requirements.			
Standard Roll Length:	216 ft / 108 ft (66 M / 33 M)	216 ft (66 M)	216 ft / 108 ft (66 M / 33 M)	216 ft / 300 ft (66 M / 91.4 M)
Maximum Roll Length:	656 yds (600 M)		328 yds (300 M)	437 yds (400 M)

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<b>Roll Width:</b>	1/4 in. - 38.6 in. (6 mm - 980 mm)	1/4 in. - 37 in. (6 mm - 940 mm)	3/8 in. - 48.5 in. (9 mm - 1230 mm)	3/8 in. - 48.5 in. (9 mm - 1230 mm)
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**Applications:**

B2103, Y2104 & R4105:  
\* Small thickness but high adhesion ensures good bonding result even on mismatched surfaces and still maintains good & uniform appearances of bonded objects.

\* Mounting & joining of nameplates, trophy, plastic trims, emblems & glass.  
\* Cellular phone view-screen window bonding; outstanding resistance to weather for outdoor uses.

B4180 & B4208:  
\* Outstanding resistance to the weather for outdoor applications.

\* Exterior decoration and car side molding; Mounting for emblems, mirror tiles & labels; Fixing for plastic profile, decorative trims, etc.

A4208 & G4208:  
\* Outstanding resistance to weaather outdoor applications; flexible and soft foam material, which will effectively seal up against water, dust and light.  
\* Light Release -force blue film liner, which is specially designed for Window Glazing applications.  
\* Widely used for mounting of emblems, nameplates, plastic strips & mirrors...etc.

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**Remark:**

All information and recommendations given by us in good faith are on the basis of practical experience but without warranty. It's essential that the user evaluate the product for a period of time to determine whether it fits a particular purpose and is suitable for the user's method of application.