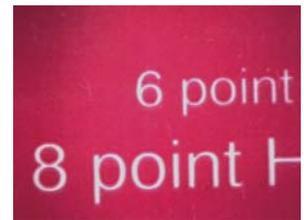
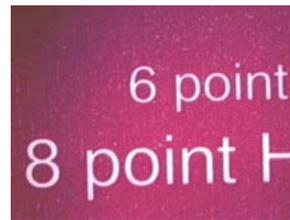
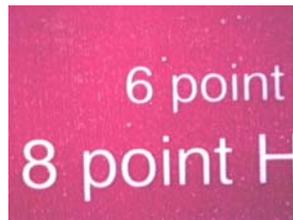


R/bak® SA 2000 Cushion Mounting Tapes Technical Data Sheet

R/bak® SA 2000 products combine Rogers' unique microcellular urethane cushion technology and specially developed acrylic adhesives in a product construction designed to handle easily while providing excellent printing results.

GENERAL PROPERTIES



	SA 2100 MS	SA 2300 MS	SA 2500 MS
Foam Type	Open-Cell Urethane	Open-Cell Urethane	Open-Cell Urethane
Available Thickness	15 mil – SA 2115 20 mil – SA 2120	15 mil – SA 2315 20 mil – SA 2320	20 mil – SA 2520
Application	Soft Screen & Process	Medium General Purpose	Firm Line & Solid
Compressibility (CFD @ 15%)	10 psi (0.7 kg/cm ²)	17.5 psi (1.2 kg/cm ²)	28 psi (2.0 kg/cm ²)
Compressibility (CFD @ 25%)	13 psi (0.9 kg/cm ²)	22 psi (1.5 kg/cm ²)	45 psi (3.2 kg/cm ²)
Adhesive Type	Differential Acrylic	Differential Acrylic	Differential Acrylic
Liner	Poly Coated Paper	Poly Coated Paper	Poly Coated Paper
Tape Color	Chino	Deerskin	Bone
20 mil Standard Width	18 in. (0.46m)	18 in. (0.46m)	18 in. (0.46m)
15 mil Available Widths	10 in. (0.25m) 13 in. (0.33m) 18 in. (0.46m)	10 in. (0.25m) 13 in. (0.33m) 18 in. (0.46m)	
Roll Length	75 ft. (22.86m)	75 ft. (22.86m)	75 ft. (22.86m)
Master Roll Width	54 in. (1.37m)	54 in. (1.37m)	54 in. (1.37m)

See Reverse for Performance Attributes

Elastomeric Material Solutions • Woodstock, CT, USA • T: 607.786.8112 • F: 607.786.8120 • www.rogerscorp.com

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GENERAL PERFORMANCE ATTRIBUTES

SA 2000 MS Adhesive System							
Dyna - Peel Strength (German Wheel Test with 1 hr dynamic loading prior to test)	Photo-polymer Plate	Steel	Rotec Blue Light	Rossini Ever-green	Rossini Fiber-glass	Areo-Mount PET	Kevlar
12 in/min Peel Rate Adhesive Industry Standard	2.5 lbs/in	1.5 lbs/in	1.4 lbs/in	1.4 lbs/in	1.2 lbs/in	1.2 lbs/in	0.9 lbs/in
50 in/min Peel Rate More realistic rate of actual removal	3.1 lbs/in	2.2 lbs/in	1.8 lbs/in	2.1 lbs/in	1.9 lbs/in	1.3 lbs/in	1.4 lbs/in
Solvent Resistance							
Aqueous Plate Wash	Excellent – No effect on PSA or plate hold-down ability						
Iso-Propyl Alcohol	Good -- Minor swelling of adhesive, no effect on plate hold-down ability						
n-Propyl Alcohol	Good -- Moderate swelling of adhesive, no effect on plate hold-down ability						
Ethyl Alcohol	Fair – Minor swelling of adhesive, some effect on plate hold-down ability						
Methyl Ethyl Ketone (MEK)	Good – Minor swelling of adhesive, no effect on plate hold-down ability						
AC-1170 80/20 n-propyl alcohol/ n-propyl acetate	Good -- Minor swelling of adhesive, no effect on plate hold-down ability						
Toluene	Good -- Moderate swelling of adhesive, no effect on plate hold-down ability						
Max. Use Temperature	66°C (150°F)						

Series 2000 Product Nomenclature

SA <u>25</u> 20 MS 18	Adhesive SA – Series 2000 with Acrylic Adhesive
SA <u>2</u> 520 MS 18	Compressibility 25 – Firm, 23 – Medium, 21 – Soft
SA <u>25</u> <u>20</u> MS 18	Thickness (0.000 inches) 0.015, 0.020
SA 2520 <u>M</u> S 18	Plate Side Adhesive Level M = Medium
SA 2520 M <u>S</u> 18	Cylinder Adhesive Type S – standard cylinder side adhesive
SA 2520 MS <u>18</u>	Width 18" Width

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