



ADHESIVES & COATINGS, INC
QURETECH®
TECHNICAL DATA SHEET

Country Club Road, PO Box 628
 Grafton, WV 26354
 800-847-7773
 Fax; 304-265-5202
 www.dyna-techadhesives.com
 www.quiretech.com

Providing Advanced Water-based and Energy
 Curable Coatings and Adhesives
 For Over 25 Years
 Clean, Safe, Worker Friendly

SureTac 1770

(Previously SureTac 1760)
 70° C Hydrocarbon Resin Emulsion

SureTac 1770 is a solvent-free waterborne emulsion of aliphatic hydrocarbon resin. This acid stable resin emulsion is useful in the formulating of pressure sensitive adhesives, contact cements, mastics and construction adhesives.

FDA Status	Complies with 21CFR175.105
Applications	Blending with natural rubber latex, SBR latex, natural rubber/SBR latex blends, NBR

Typical Properties

Total Solids	50.0 ± 1.0
Viscosity; LVF #3 @ 30 RPM @ 23°C	100 ± 50 cps
pH	5.0 ± 1.0
Softening Point	70°C
Average Particle Size	< 1.0 micron

Tackifier response in Natural Rubber Latex:

Web:	1 mil Mylar®
Coatweight; dry mils	0.75
180° Peel Adhesion, lb./in, 30' dwell (1)	
80 Parts SureTac 1770 (dry/dry)	0.4
100 Parts SureTac 1770 (dry/dry)	0.5
120 Parts SureTac 1770 (dry/dry)	0.97
Loop Tack, lb./in ² (2)	
80 Parts SureTac 1770 (dry/dry)	0.8
100 Parts SureTac 1770 (dry/dry)	0.9
120 Parts SureTac 1770 (dry/dry)	1.1
Shear; ½" x ½" x 500 gms; hours (3)	
80 Parts SureTac 1770 (dry/dry)	1.7
100 Parts SureTac 1770 (dry/dry)	5.2
120 Parts SureTac 1770 (dry/dry)	8.0

/continued

This product information is presented in good faith and is to the best of our knowledge, accurate. It is intended to be used as a guide and is not to be construed as a specification for products described herein. Dyna-Tech does not guarantee satisfactory results in any application from reliance upon this information and assumes no liability for any loss or damage arising out of its use. Dyna-Tech recommends that the user of our products thoroughly test them under end use conditions to assure that they meet the requirements of intended applications.



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Tackifier response in a 60/40 SBR Latex (25% Styrene/75% Butadiene)/Natural Rubber Latex Blend:

Web:	1 mil Mylar®
Coatweight; dry mils	0.75
180° Peel Adhesion, lb./in, 30' dwell (1)	
120 Parts SureTac 1770 (dry/dry)	0.9
150 Parts SureTac 1770 (dry/dry)	1.2
180 Parts SureTac 1770 (dry/dry)	1.6
Loop Tack, lb./in ² (2)	
120 Parts SureTac 1770 (dry/dry)	2.5
150 Parts SureTac 1770 (dry/dry)	2.6
180 Parts SureTac 1770 (dry/dry)	2.8
Shear; ½" x ½" x 500 gms; hours (3)	
120 Parts SureTac 1770 (dry/dry)	19
150 Parts SureTac 1770 (dry/dry)	17
180 Parts SureTac 1770 (dry/dry)	10

Tackifier response in SBR Latex (25% Styrene/75% Butadiene):

Web:	1 mil Mylar®
Coatweight; dry mils	0.75
180° Peel Adhesion, lb./in, 30' dwell (1)	
120 Parts SureTac 1770 (dry/dry)	0.9
150 Parts SureTac 1770 (dry/dry)	1.0
180 Parts SureTac 1770 (dry/dry)	1.2
Loop Tack, lb./in ² (2)	
120 Parts SureTac 1770 (dry/dry)	1.5
150 Parts SureTac 1770 (dry/dry)	2.0
180 Parts SureTac 1770 (dry/dry)	2.6
Shear; ½" x ½" x 500 gms; hours (3)	
120 Parts SureTac 1770 (dry/dry)	4
150 Parts SureTac 1770 (dry/dry)	4
180 Parts SureTac 1770 (dry/dry)	2

Samples were prepared by transfer coating and drying 2½' @ 100°C

- (1) PSTC-1 modified
- (2) TLMI Loop Tack, 1 in² contact area, 12 ipm separation
- (3) PSTC-7

September 07

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