



PRODUCT INFORMATION

HIGH TECHNOLOGY MATERIALS

MERECO *METRE-SCREEN*TM3224 EPOXY SCREEN FRAME BONDING ADHESIVE

MERECO *METRE-SCREEN*TM 3224 is a new, low viscosity, fast drying two component epoxy adhesive specifically designed for bonding applications in the hybrid screen, surface mount stencil, and compact disc screen manufacturing industries. *METRE-SCREEN 3224* combines tenacious adhesive strength to a variety of frame substrates including aluminum, stainless steel and wood. The viscosity of *METRE-SCREEN 3224* has been optimized to provide maximum penetration through mesh materials, has excellent resistance to commonly used solvents and saponifiers and holds mesh to required tension levels. *METRE-SCREEN 3224* cures in **just 2 hours** when heated to 65°C.

Descriptive Data

	<u>Base</u>	<u>Activator</u>	<u>Mixture</u>
Form	Liquid	Liquid	Liquid
Color	Colorless	Yellow	Pale yellow
Specific Gravity	1.1	1.0	1.1
Viscosity, cps	8,000	20	800

Instructions for Use

Mix Ratio, wt or vol.	100:28 Mix together 28 parts activator to 100 parts base
Working Life, 50 grams at room temperature	30 minutes
Cure Times	2 hours at 65°C 4 hours at 45°C 24 hours at 25°C

Properties

Hardness	80 Shore D
Tensile Lap Shear (Al - Al) psi	1,800
Temperature Range of Use, °C	-65 - +105
Dielectric Strength, volts/mil	440
Volume Resistivity, ohm-cm @ 25°C	10 ¹⁴

Packaging

Pints, Quarts, Gallons, 5 Gallons

Technical information and recommendations made by Mereco Division and Metachem Resins Corporation concerning products and uses or applications thereof, are based on reliable laboratory tests and are believed to be accurate. No warranty, however, is expressed or implied, nor is any warranty expressed or implied as to results to be obtained from use of said materials, whether used singly or in combination with other products. No statements made are to be construed as constituting a license under any existing patent.

FORM 1105 REV. 0

MERECO TECHNOLOGIES GROUP * 1505 MAIN STREET * WEST WARWICK, R.I. 02893 * (401) 822-9300 * Fax (401) 822-9311