



EA-605 R EPOXY ADHESIVE

LONG WORK LIFE
GREY

PRODUCT BULLETIN



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DESCRIPTION:

EA-605-R is a two-component fiber-filled epoxy adhesive with good handling and an easy 1 to 1 mix ratio. The white resin and black hardener, when mixed together, give a uniform grey color and positive mix indicator when no streaks of black or white are observed. **Applications include: all general repair and bonding applications requiring a paste adhesive.**

HANDLING CHARACTERISTICS (@ 25°C/77°F)

Mix Ratio (parts by weight or volume).....	1R/1H
Density (mixed)	12 lb/gal
Mixed Viscosity	Thixotropic Paste
Work Life	40-60 minutes
Cure Time.....	4-5 hours
Resin Color.....	White
Hardener Color.....	Black
Mixed Color	Gray
Shelf Life of Resin (in original unopened container).....	2 years
Shelf Life of Hardener (in original unopened container)	1 year

PHYSICAL PROPERTIES

Ultimate Tensile Strength (ASTM D-3039.93)	3,060 psi
Tensile Elongation (ASTM D-3039.93)	0.83%
Tensile Modulus (ASTM D-3039.93).....	316,900 psi
Ultimate Flexural Strength (ASTM D-790.92)	4,120 psi
Flexural Modulus (ASTM D-790.92).....	378,900 psi
Ultimate Compressive Strength (ASTM D-695.91)	5,570 psi
Heat Deflection Temperature @ 66 psi (ASTM D-648.82)	47°C/116°F
Heat Deflection Temperature @ 264 psi (ASTM D-648.82)	42°C/108°F
Hardness	80-85 Shore D
Lap Shear Strength (Aluminum/Aluminum)	3,112 psi

EA-605 R Tech/Revised 1/28/10
Supercedes 6/29/06

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