UL Product iQ®



Model DP8805NS

File Number: E464624

COMPANY

3M COMPANY

INDUSTRIAL ADHESIVES & TAPES DIV 3M CENTER BLDG 230-3G-07 SAINT PAUL, MN 55144-1001 United States

MODEL INFO

DP8805NS

Adhesives

Application General Use Non-Electrical Component Type Adhesives Environmental Suitability Wet, Damp or Dry Location Minimum Service -35 °C
Environmental Suitability Wet, Damp or Dry Location
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- 1. Means need to be provided for grounding metal parts that may become energized.
- 2. The adhesive at a nominal thickness of 0.25mm may be used for securement of any combination of the aluminum and stainless steel surfaces.
- 3. The adhesive shall be applied in continuous bead when used as water seal.
- 4. The bond strength value shown has been divided by safety factor of four for mechanical strength and specifies the maximum shear tension load in pounds per square inch of adhesive.
- 5. The bond strength values indicated were determined in accordance with ASTM D 1002.
- 6. The materials have been evaluated for adhesive compatibility and stability only. No electrical or flammability tests have been performed. The engineer must consider the need to investigate the part for other than the properties investigated, in accordance with the applicable end-product standard and/or the requirements outlined in UL 746C, Standard for Material Used in Electrical Equipment Evaluations.
- 7. The suitability for the use when exposed to oil, chemicals, refrigerant, soap, x-rays, ultraviolet and the like has not been determined by this investigation, unless otherwise noted.
- 8. These adhesives are produced in a 10:1 mix ratio by volume [10 parts ""B"" (base) to 1 part ""A"" (accelerator)].
- 9. This adhesive system is suitable for application to smooth flat surfaces, except where another surface configuration is noted.

GENERAL				
Surface	Static Strength (psi)	Dynamic Bond Strength (psi)	Max Adhesive Temp (°C)	
Aluminum to Aluminum		615	90	
Stainless steel to Stainless steel		565	90	

Report Date: 2013-11-09

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