

Revised
March 2003



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TECHNICAL DATA SHEETS

SI5

Description:

Thun setting: general purpose adhesive designed to bond a wide variety of similar or dissimilar materials. The product is a versatile adhesive offering good climatic, thermal and impact resistance. It's elasticity makes it ideal for bonding dissimilar materials. Handling strength in 5 to 8 seconds. SI 5 has a viscosity of 5 cps and is capable of filling gaps up to .028.

Physical Properties:

COLOR: Clear
VISCOSITY: 5cps
BASE: Ethyl
STRENGTH: 2800 / 4200
TEMPERATURE RANGE: - 65 - 200°F
CURE SPEED: 5 seconds
(FIXTURE)
FULL CURE: 8 hours
MIL A 46050 Type II
Class I
SPECIFIC GRAVITY 1.09
SOLUBLE IN: Remove Debonder

Storage

The SI series is ideally stored in a cold, dry location in unopened containers. Optimal storage temperature is under 50°F. To prevent contamination of unused product, do not return any material to its original container. For specific shelf life contact Adhesive Systems Inc.

Handling Characteristics:

| Shear Strength, ASTM D1002, DIN 53283 | Value | Range |
|--|----------------|----------------------------|
| Grit Blasted Steel, N/mm ² (psi) | 28 (3770) | 24 to 32 (3195 to 4355) |
| Etched Aluminum, N/mm ² (psi) | 20 (3770) | 16 to 24 (3195 to 4355) |
| ABS, N/mm ² * (psi) | >7 (>885) | |
| PVC, N/mm ² * (psi) | >5 (>640) | |
| Polycarbonate, N/mm ² * (psi) | >6 (>825) | |
| Phenolic, N/mm ² * (psi) | 12 (160) | 6 to 18 (775 to 2450) |
| Neoprene rubber, N/mm ² * (psi) | >12 (>1600) | |
| Nitrile rubber, N/mm ² * (psi) | >12 (>1600) | |
| Tensile Strength, ASTM D2095, DIN 53283 | | |
| Grit Blasted Steel, N/mm ² (psi) | 20 (3000) | 14 to 28 (1900 to 4000) |

* Substrate Failure

Engineering Excellence

For technical information
and support call **1-800-552-0299** or visit our website at

www.instantca.com