

Revised
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TECHNICAL DATA SHEETS

RP1000

Description:

Medium 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 15 to 20 seconds. RP 1000 has a viscosity of 1000 cps and is capable of filling gaps up to .008.

Physical Properties:

COLOR: Clear
VISCOSITY: 1000cps
BASE: Ethyl
STRENGTH: 2700 / 4300
TEMPERATURE RANGE: - 65 - 200°F
CURE SPEED: 15 seconds
(FIXTURE)
FULL CURE: 8 hours
MIL A 46050 Type II
Class I
SPECIFIC GRAVITY 1.09
SOLUBLE IN: Remove Debonder

Storage

The RP 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 *	>7 (>885)	
PVC, N/mm ² *	>5 (>640)	
Polycarbonate, N/mm ² *	>6 (>825)	
Phenolic, N/mm ² *	12 (160)	6 to 18 (775 to 2450)
Neoprene rubber, N/mm ² *	>12 (>1600)	
Nitrile rubber, N/mm ² *	>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