

Revised
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TECHNICAL DATA SHEET

TS 300

Description:

TS 300 combines excellent peel and impact resistance with high shear strength. This product is designed for high stress, temperature, humidity, vibration and impact applications. Ideal for bonding dissimilar materials on a wide range of surfaces.

Physical Properties:

COLOR: Clear
VISCOSITY: 300cps
STRENGTH: 3750psi
TEMPERATURE RANGE: - 65- 250F
CURE SPEED (FIXTURE): 10- 15 seconds
FULL CURE: 8 hours
MIL A 46050: Type II, Class III
SPECIFIC GRAVITY: 1.10
SOLUBLE IN: Remove Debonder

Storage

The TS 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.

Handling Characteristics:

Shear Strength, ASTM D1002, DIN 53283	Value	Range
Grit Blasted Steel, N/mm ² (psi)	23 (3250)	20 to 28 (2910 to 3970)
Etched Aluminum, N/mm ² (psi)	17 (2450)	13 to 22 (1950 to 3125)
ABS, N/mm ² *	>7 (>885)	
PVC, N/mm ² *	>7 (>890)	
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)
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* Substrate Failure

NON- WARRANTY: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.