

Revised  
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**TECHNICAL DATA SHEETS**  
**FS 1000**

**Description:**

**FS 1000** is a fast curing instant adhesive. The latest technology in cyanoacrylates. Ideal in applications where low moisture conditions exist and/or exceptionally fast fixture times are desired. Bonds to a wide range of materials.

It is available in 2 gram pipettes, ½ ounce bottles, 1 ounce bottles, 2 ounce bottles, 1 pound bottles, 4.4 pound containers, 20 kilo containers and 55 gallon drums.

**Handling Characteristics:**

Shear Strength, ASTM D1002, DIN 53283	Value	Range
Grit Blasted Steel, N/mm <sup>2</sup> (psi)	28 (3770)	24 to 32 (3195 to 4355)
Etched Aluminum, N/mm <sup>2</sup> (psi)	20 (3770)	16 to 24 (3195 to 4355)
ABS, N/mm <sup>2</sup> *	>7 (>885)	
PVC, N/mm <sup>2</sup> *	>5 (>640)	
Polycarbonate, N/mm <sup>2</sup> *	>6 (>825)	
Phenolic, N/mm <sup>2</sup> *	12 (160)	6 to 18 (775 to 2450)
Neoprene rubber, N/mm <sup>2</sup> *	>12 (>1600)	
Nitrile rubber, N/mm <sup>2</sup> *	>12 (>1600)	
Tensile Strength, ASTM D2095, DIN 53283		
Grit Blasted Steel, N/mm <sup>2</sup> (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](http://www.instantca.com)**