

# PRODUCT DATA SHEET

## IA 201 Hydraulic Seal

IA 201 is a one component high viscosity anaerobic adhesive.

It gives medium strength bonds for threaded connections and prevents loosening due to vibration. Parts may be easily disassembled using normal tools.

IA 201 gives a fast and reliable cure on most metallic surfaces. Cure time may be speeded up by using the activator AC 64.

IA 201 seals hydraulic and pneumatic fittings up to 0.2 mm, with excellent solvent resistance against most industrial fluids. Its viscous nature prevents migration of the adhesive during application.

### **Chemical Characteristics:**

IA 201 is based on a di-Methacrylate resin.

### **General Characteristics:**

Appearance : Reddish brown

Corrosivity : None

Flashpoint : > 100<sup>0</sup>C

Gap Filling Capacity : Up to 0.2 mm

Shelf Life : 12 months (stored between 0<sup>0</sup>C and +5<sup>0</sup>C)

Specific Gravity : 1.05 g/cm<sup>3</sup>

Toxicity : None

Temperature Range : -50<sup>0</sup>C to 150<sup>0</sup>C

Viscosity : 1000 mPas @ 20<sup>0</sup>C

### **Performance Characteristics:**

Strength Typical Values

Break moment 9 - 15 N/mm<sup>2</sup>

Separation moment 15 - 35 N.m

Static Shear 7 - 12 N/mm<sup>2</sup>

1 Tested on M10 mild steel nut and bolt.

### **Typical Uses:**

IA 201 Hydraulic Seal is designed for medium strength applications such as:

Pneumatic fittings.

Small pipe threads.

Hydraulic fittings.

**The Specified values are average and do not represent specifications.**

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