

PRODUCT DATA SHEET

IA 303-03 High Strength Retainer

IA 303-03 is one-component medium viscosity high strength anaerobic adhesive. It locks especially the high strength joints of pushing and pressed cylinder parts where excellent reliability is required. It also can be used on high strength sealings of screwed and hydraulic joints.

High strength adhesive **IA 303-03** seals against leaking and it protects against the corrosion. It is resistant to material fatigue.

IA 303-03 cures fast and reliably on most metal surfaces and seals against most of the industrial fluids. The curing can be speeded up using the activator **AC 64**.

APPLICATION

IA 303-03 eliminates the space in worn-down units. It locks the bearing on the place of use (on surface), it protects against being worn down. It bonds the rotors on the shafts of the motors. It interlocks the covers and the clips in the coverings and on the shafts. It increases the strength of the pressed fittings. It renovates the fittings in worn down or worn out units. To get fast and full curing, use the activator anywhere the bigger gaps occur.

USEFUL INFORMATION

Where the curing time is long the activator **AC 64** can be used on the parts. For dismantling use heat.

CHARACTERISTICS

Fast fixation: less than 10 minut
Strength typical value: >20 N/mm²

Chemical characteristics:

IA 303-03 is based on di-methacrylate resin.

General characteristics:

Composition: Dimethacrylate
Colour: green
Rate of curing using AC 64: <5 minut
Rate of curing without AC 64: .. 10 min to 1 hour
Viscosity : 2000 cps
Gap: 0.25 mm
Flash point: >90 °C
Shelf life12 months at 5°C
Specific weight: approx 1.1 @ 25°C
Temperature resistance: -50°C do + 150°C

The values after curing

Full cure time: 24 hodin @ 20°C
Tensile shear strength: ... 20 - 30 N/mm

Application:

IA 303-03 is recommended for high strength locking of cylinder parts e.g.: bearings, rotors, cog-wheels, sheaves, clips, springs, shafts, rotors, tubes etc.

The specified values are average and do not represent specifications.

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