



iPipe 73™

NSF Anaerobic Pipe Sealant

ADHESIVE R&D®'s anaerobic adhesives and sealants represent the latest generation in anaerobic chemistry. Anaerobic products remain liquid when they are exposed to the oxygen in air, but in the lack of air, (or anaerobic environment) these products quickly polymerize and fill the inner space between the surfaces. **iPipe 73™** is a highly engineered solution to assembling, sealing, and disassembling pipe fittings. It provides lubrication for assembly, and an instant seal on most NPT fittings. After full cure in 48 hrs, it provides an impervious seal, and prevents loosening, as well as corrosion between the mated surfaces, even if they are dissimilar.

iPipe 73™ is a creamy medium strength pipe and hydraulic fitting sealant. It has excellent thread wetting capabilities, and its thixotropic nature keeps it in place until cured, filling the inner space, and providing reproducibility, and reliability. **iPipe 73™** is specifically engineered for use with brass parts, preventing premature polymerization, during assembly.

* Per ASTM D5363 Specification.
3/8-16 plain finish cap screws and brass nuts.
Larger fasteners will increase surface area and breakaway torque.

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Physical Properties

Composition Anaerobic Methacrylate
Color Orange
Viscosity 250,000 to 500,000 cps Thixotropic
Specific Weight 1.05
Flash Point >100°F
Solvent Content None
Shelf Life @ 72°F 2 years

Curing Properties

Functional Cure Time 2-4 hours on brass

**Full Cure 48 hours Per ASTM 5363
Locking Torque on brass***

Breakaway 50-120 inch lb's

Prevailing 25-35 inch lb's

**At 300F for 48 hr
Locking Torque***

Breakaway 45-50 inch lb's

Prevailing 20-30 inch lb's