

Permabond®

Engineering Adhesives

MH052

HIGH PERFORMANCE DATA CENTER PIPE SEALANT



Permabond offers a full line of anaerobic sealants to seal metal pipework in data center liquid-cooling systems.

Among them, Permabond MH052 stands out as a high-performance anaerobic sealant for sealing liquid coolant pipe connections. It creates a fast low-pressure seal and cures into a chemical-resistant polymer that prevents leaks even under vibration, pressure, shock, and contamination.



KEY FEATURES:

- ▶ Prevents leaks in mission critical cooling systems
- ▶ Works exceptionally well on stainless steel
- ▶ Resists vibration from pumps and mechanical equipment
- ▶ Tolerates normal contamination found in construction environments
- ▶ Convenient handheld accordion package - No application tools required
- ▶ PFAS-free

Anaerobic Pipe Sealant MH052

Technical Data

The following technical data is a guideline and does not constitute a specification. For full technical information, please refer to the technical data sheet, available at permabond.com. Please contact Permabond to discuss your project.

Grade	MH052
Color	Yellow
Viscosity cP (mPa.s)	2 rpm 65,000, 20 rpm 25,000
Fluorescent	Yes
Max Diameter	Up to 2" (M56)
Torque Strength (M10 steel ISO 10964)	Break 180 in.lb (20 N•m)
	Prevail 100 in.lb (11 N•m)
Torque Strength (3/8" Stainless Steel Pipe Fittings)	Break 450 in.lb (50 N•m)
	Prevail 10 in.lb (1 N•m)
Shear Strength (Steel)	1450 psi
	10 MPa
Fixture (Steel)	15 min
Full Cure	24 hr
Temperature Range	-65 to 300°F
	-55 to 150°C

PACKAGING OPTIONS

Flexible packaging solutions designed for convenience, performance, and efficiency.



75 ml

**Easy to use
Accordian pack**

Compact and user-friendly design for precise application with minimal mess.



300 ml

**Standard
Cartridge**

Ideal for higher volume applications and professional use.



Contact our technical team to discuss your project!

PERMABOND.COM

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