



Gasketing

Sealing and Flanges

- No shimming effect – controlled tolerances, no need for re-torquing
- Fill all voids – reduce the need for a fine surface finish of flanges
- Parts can be disassembled easily even after extended service
- Resists high pressure when fully cured

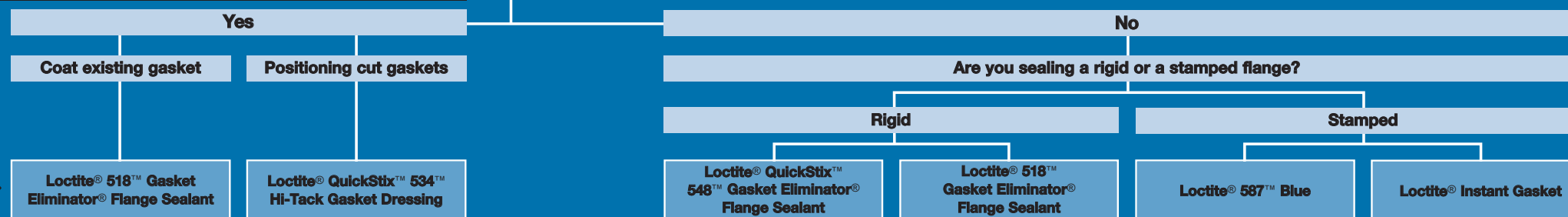


DOES THE EXISTING GASKET NEED TO BE USED AS A SHIM?

Helpful Hints:

- If there are traces of old gasket left on the parts to be sealed, clean with Loctite® Chisel® Gasket Remover
- All parts must be clean and dry before sealing – use Loctite® ODC-Free Cleaner & Degreaser
- Anaerobic products cure between metal surfaces with the absence of air

Solution



Gasket Type	Formed-In-place	Use with cut gasket	Formed-In-place	Formed-In-place	Formed-In-place	Formed-In-place
Gap Fill	0.010" (0.25 mm)	N.A.	0.010" (0.25 mm)	0.010" (0.25 mm)	0.250" (6.35 mm)	0.250" (6.35 mm)
Gap Fill with Primer	0.050" (1.27 mm)	N.A.	0.020" (0.508 mm)	0.050" (1.27 mm)	N.A.	N.A.
Cure Method	Anaerobic	Anaerobic	Anaerobic	Anaerobic	Moisture (RTV)	Moisture (RTV)
Cure Time	N.A.	N.A.	24 hrs.	24 hrs.	50 min.	5 min.
Temperature Resistance (Continuous / Intermittent)	300°F (150°C)/N.A.	300°F (150°C)/N.A.	300°F (150°C)/N.A.	300°F (150°C)/N.A.	400°F (204°C) 500°F (260°C)	450°F (232°C) 540°F (282°C)
Instant Seal	Excellent	Excellent	Yes	Excellent	Excellent	Excellent
Oil Resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Water / Glycol Resistance	Excellent	N.A.	Good	Excellent	Excellent	Excellent
Common Sizes / Part Number	6 ml tube – 51817 50 ml tube – 51831	9 g stick – 39155 19 g stick – 39156 38 g stick – 39157	9 g stick – 39151 18 g stick – 39152 37 g stick – 39153	6 ml tube – 51817 50 ml tube – 51831	70 ml tube – 58730 300 ml cartridge – 58775 190 ml can – 40462	90 ml can – 40478 190 ml can – 40479

Additional Loctite® brand Gasketing Products			
Name	Color	Part #	Pkg. Size
Loctite® Gasket Sealant 1	Brown	30511	3 oz. tube
Loctite® Gasket Sealant 2	Black	30514	3 oz. tube
Loctite® Aviation Gasket Sealant	Brown	30516	1 pt. can
Loctite® High Performance Silicones (Loctite® 598™ Black, 5920™ Copper, and 5699™ Grey)	Black Copper Grey	59875 82046 18581	300 ml cartridge
Loctite® Superflex® RTV, Silicone Adhesive Sealants (Black, Clear, White, Blue, Red Hi-Temp)	Black Clear White Blue Red	59375 59575 59475 30533 59675	300 ml cartridge
Loctite® Copper Gasket Adhesive	Copper	30535	9 oz. aerosol
Loctite® 574™ Flange Sealant – Fast Cure	Orange	24018	50 ml tube
Loctite® 515™ Gasket Eliminator® Flange Sealant	Purple	51531	50 ml tube
Loctite® Hi-Tack Gasket Sealant	Red	30525	1 pt. can



Loctite® 518™ Gasket Eliminator® Flange Sealant
Recommended for coating and re-using gaskets to improve sealing. Spray Loctite® 7649™ Primer N™ on both flange surfaces and both sides of the gasket. NSF/ANSI 61 Certified. CFIA Approved.



Loctite® QuickStix™ 534™ Hi-Tack Gasket Dressing
No mess, semi-solid formula offers added control and ease of use. Patented package is portable and won't leak or spill. Seals and holds the heaviest gaskets in place during assembly. Solvent-free and low odor. Suitable to 300°F (149°C).



Loctite® QuickStix™ 548™ Gasket Eliminator® Flange Sealant
Patented, semi-solid formula is ideal for on-the-spot repairs, or when a conventional gasket is out of stock. Can be applied quickly and neatly on a variety of metal surfaces, including aluminum, to form a flexible, solvent resistant seal. Seals to 300°F (149°C).



Loctite® 518™ Gasket Eliminator® Flange Sealant
Recommended for use on rigid iron, steel, and aluminum flanges. Spray Loctite® 7649™ Primer N™ on only one surface. NSF/ANSI 61 Certified. CFIA Approved.



Loctite® 587™ Blue, High Performance RTV Silicone Gasket Maker
Recommended for sealing all types of flanges including stamped sheet metal. Designed for superior bonding properties to oil contaminated metals. ABS Approved. NSF/ANSI P1.



Loctite® Instant Gasket
Makes high-performance, leakproof gaskets in one minute. Equipment can be returned to service immediately. Blowout resistant. Outperforms precut gaskets.



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