

# Gasket Replacer™ & Silastomer™ for flange sealing

## Main Benefits

- Lowers costs and inventories with a single tube for different gasket shapes and sizes
- Reduces follow-up maintenance with no periodic re-torquing
- Improves assembly reliability and accuracy with uniform clamping on direct metal to metal contact



## Features

- Fills all surface imperfections and hardens to form a thin, resilient, solvent and temperature resistant seal.
- Gasket Replacer™ undergoes anaerobic (absence of oxygen) cure when confined between mating metal surfaces.
- Silastomer™ undergoes moisture (room temperature vulcanizing) cure upon exposure to air.
- Replaces solid gaskets like cork gaskets, paper gaskets, O-rings and pre form gaskets.

## Other Benefits

- Reduces down time by easy removal of cured sealant without damaging or scratching the surfaces
- Lowers costs with scope for wider surface finish and flatness tolerances
- Reduces follow-up maintenance as it contains no solvents and does not shrink, stretch, split, rot, distort, wear-out or relax
- Strengthens assembly with adhesion to flanges
- Flexes with flanges during pressure or thermal cycling and withstands vibrations
- High chemical and temperature resistance
- Easy to apply and clean, no mixing required

## Typical Applications

- Gearbox housing
- Pipe flanges
- Fuel and water pumps housing
- Pump and compressor gaskets
- Automotive and truck axle covers
- Transmissions on trucks and tractors



## Application Notes

- For removal of old gaskets and other heavy contaminants, use Gasket Remover™ 30.
- For optimum sealing, apply in a continuous bead along the flange perimeter and around bolt holes.
- For high volume production, apply Gasket Replacer by tracing, screen printing, stenciling or roll coating.
- For Gasket Replacer, use EP™ Primer 50 to seal gaps larger than 0.0254 mm.
- For Silastomer, flanges must be assembled within 10 minutes after applying.
- Do not use gasketing compounds as spacers or shims.
- Silastomer is not recommended for use on high pressure systems or with gasoline and fuel oils.
- Gasket Replacer is not recommended for use in pure oxygen or oxygen rich systems or with chlorine or strong oxidizing materials.

	Metal parts				Metal & plastic parts		
	Rigid flanges		Flexible flanges		Open systems	Enclosed systems	
	Gasket Replacer™ 903	Gasket Replacer™ 907	Gasket Replacer™ 910	Gasket Replacer™ 916	Silastomer™ 333	Silastomer™ 340	Silastomer™ 343
Key Performance	General Purpose	High service temperature	General purpose, Dressing for pre-cut gaskets	Fast curing For aluminum parts	General Purpose	High service temperature	Non-corrosive, No acidic residue For electronics applications
Color	Orange	Red	Purple	Red	Clear	Red	Black
Viscosity, cP	500 000 to 1 500 000	170 000 to 500 000	275 000 to 950 000	750 000 to 2 750 000	Thixotropic gel	Thixotropic gel	Thixotropic gel
Gap fill, mm	0.025 to 0.076	0.025 to 0.0254	0.025 to 1.260	0.025 to 1.260	0.250	0.250	0.250
Max Pressure Resistance, psi	5 000	5 000	5 000	5 000	-	-	-
Curing Method	Aerobic	Aerobic	Aerobic	Aerobic	Moisture	Moisture	Moisture
Cure Speed @ 24°C, fixture/ Full Cure	4 hrs/ 24 hrs	4 hrs/ 24 hrs	30 min/ 24 hrs	30 min/ 24 hrs	30 min/ 24 hrs	30 min/ 24 hrs	30 min/ 24 hrs
Recommended EP™ Primer	50	50	50	50	-	-	-
Temperature Range, °C	-55 to 150	-55 to 204	-55 to 150	-55 to 150	-71 to 204	-71 to 316	-71 to 208
Specification	-	-	-	-	ML-4-481155A Type 1 4024 P&S 311 D11 177-26933	ML-4-487055A Type 1	-