



Gasketing

Gasketing Loxeal adhesives seal flat mating surfaces and join flanges on pumps, gearboxes and differential housings of any shape and dimension in an easy and effective way directly from the tube or the cartridge both vertically and horizontally.

SUBSTRATES:

- Metal, Plastic, Glass, Ceramic, Enamel, Wood

BENEFITS:

- Prevent leakage on aging (vs preformed paper, cork, or plastic gaskets).
- One adhesive replaces many pre-cut gasket shapes.
- Guarantee the parts sealing and enhance hydraulic tightness.
- Do not generate any thickness.
- Highly resistant against temperature, pressure, oils and chemicals.
- Prevent oxidation and fretting corrosion.
- Possible to dismantle with standard tools.
- Rapid cure speeds at low pressure and resistance to high temperature, up to +250°C.

Liquid gasketing

PRODUCT	CLASS OF LOCKING	MAX GAP FILLING	*** VISCOSITY +25°C Pa s		COLOUR	CURING TIME		ADHESIVE STRENGTH			TEMPERATURE RANGE °C	DESCRIPTION
						HANDLING (min.)	FUNCTIONAL (h)	SHEAR (ISO 4587) N/nm ²	TENSILE (ISO 6922) N/nm ²	IMPACT (ASTM D 950) KJ/m ²		
28-10	Low Strength	0,30 mm	17-60	HT	GREEN/F	20 - 40	3 - 6	4 - 6	2 - 4	2 - 4	-55 +150	Easy to dismantle, elastic film.
58-14	Medium Strength	0,50 mm	28-100	HT	ORANGE	15 - 30	3 - 6	5 - 10	5 - 8	3 - 5	-55 +150	General purpose.
58-31	Medium Strength	0,50 mm	70-600	HT	RED/F	10 - 20	1 - 3	8 - 13	7 - 10	4 - 7	-55 +180	Elastic film, high performances.
59-10	Medium Strength	0,50 mm	50-300	HT	RED/ORANGE	15 - 30	3 - 6	5 - 10	6 - 8	3 - 5	-55 +200	High temperature, fill large gaps.

Elastomeric & Plastic Gasket

PRODUCT	VISCOSITY +25°C Pa s	COLOUR	CURING TIME		ELONGATION AT BREAK %	TENSILE STRENGTH N/nm ²	HARDNESS SHORE A	TEMPERATURE RANGE °C	DESCRIPTION
			INITIAL STRENGTH MINUTES	BEAD ø 2 mm					
59-20	PASTY	TRANSPARENT GREY/BLACK	15 - 30	24 h	400 - 600	0,8 - 2	20 - 30	-55 +180	Odourless neutral silicone, high oil resistance.
			15 - 30	24 h	400 - 600	0,6 - 1,5	20 - 30	-55 +180	Odourless neutral silicone, high oil resistance.
59-30	PASTY	RED/BLACK	10 - 20	24 h	300 - 600	1,5 - 2,5	25 - 35	-60 +250	High temperature silicone.
59-40	PASTY	TRANSPARENT GREY	10 - 20	24 h	80 - 150	1 - 2	40 - 50	-40 +90	MS polymer, odourless, paintable, UV rays resistant.
			10 - 15	24 h	150 - 350	1,2 - 1,8	40 - 60	-40 +90	MS polymer, odourless, paintable, UV rays resistant.