

LOCTITE[®]

Teroson

Comprehensive Solutions for your Sealing Applications

www.360sealing.com



Excellence is our Passion

Uncompromised performance in sealing

Henkel sealants meet the highest requirements for industrial applications



Today, professional sealing is liquid.

The most important task of a sealant is to stop water, air, gas, chemicals and other media from penetrating through a surface or an object. Henkel sealants fulfill the most stringent requirements:

- Gap filling
- Flexibility
- Any Shape Joint
- Chemical resistance

Benefits of liquid and other sealants.

Sealing method	Liquid sealant	Welding	Solid gasket	O-Ring	Clinching or Clinch flange sealing
Chemical resistance	✓	✓	✓	(✓)	(✓)
Gap filling	✓	✓			
Allows Flange Movement	✓			(✓)	(✓)
Substrate combination	✓		✓	✓	
Automation	✓	✓			✓
Different geometry	✓	✓			(✓)
Instant sealing	(✓)	✓	✓	✓	(✓)
Electrical Insulator	✓		✓		

✓ Highly recommended (✓) Recommended

Get all you need from a single source.

Liquid sealants from Henkel are able to perform the most extensive sealing tasks. Henkel offers you more than state-of-the-art adhesives, sealants and surface treatment products. We give you access to our unique expertise covering the entire value chain. So whatever you want to bond or seal, with our technical expertise and expert training we are able to offer you specific solutions for your industry and application needs.

Eight front line products for liquid sealing.

Henkel sealing products cover two technologies: Silane Modified Polymers (SMPs) and Silicones. Use of these products can lead to increased efficiency, cost reductions as well as reliable and durable solutions in the production process. Henkel sealing products fulfill the most stringent requirements and additionally offer many other benefits such as improved aesthetics, new design options and weight reduction.

Product	Silane Modified Polymers					Silicones		
	Terostat MS 930	Terostat MS 935	Terostat MS 931	Terostat 9320 SF	Terostat MS 500	Loctite® 5366	Loctite® 5399	Loctite® 5610
Technology	1K SMP	1K SMP	1K SMP	1K SMP	1K SMP	1K Silicone	1K Silicone	2K Silicone
Colour	White, grey, black	White, grey, black	White, grey, black	Grey, ochre, black	White, black	Clear	Red	Black (mixed)
Consistency	Paste	Paste	Self-leveling	Paste	Paste	Paste	Paste	Paste
Hardness Shore A ISO 868	30	50	25	50	60	25	33	40
Depth of cure after 24 h [mm]	4	3	3 – 4	5	3	4	4	15 min. Bulk cure
Skin formation time [min.]	25 – 40	10 – 15	15 – 20	10 – 20	15	5	5	n.a.
Tensile strength ISO 37 [N/mm ²]	1.0	2.8	0.8	2.8	3.0	2.5	3.3	1.4
Elongation at break ISO 37 [%]	250	230	100	250	250	530	500	210
Service temperature range [°C]	-50 to +80	-40 to +100	-40 to +100	-30 to +90	-40 to +100	-50 to +250	-50 to +300	-50 to +180
Comments	<ul style="list-style-type: none"> • Soft-elastic • Multi purpose • UV and weathering resistant sealant 	<ul style="list-style-type: none"> • Good over-paintability • Environmental resistance • Easy smoothing • Elastic sealant/adhesive 	<ul style="list-style-type: none"> • Sprayable • Self-leveling/pourable 	<ul style="list-style-type: none"> • Sprayable and brushable • Wet-on-wet overpainting • Fast curing 	<ul style="list-style-type: none"> • Very high position tack • Fast processing • Hot applied 	<ul style="list-style-type: none"> • Clear • Fast skin formation • High elongation 	<ul style="list-style-type: none"> • High temperature resistant • Fast skin formation • High elongation 	<ul style="list-style-type: none"> • Very fast curing • Neutral cure

For further product information please go to www.360sealing.com



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