

product: **SILCOFLEX 583**

Description	Acetoxy RTV Silicone Sealant which cures with atmospheric humidity to a permanently elastic seal with outstanding resistance to high temperatures, UV, weathering.		
Application Areas	Specially suited for applications where high temperature resistance is required (heat converters, boilers, steam piping, radiators, ovens, electrical insulation). Suitable for professional use in various industries: auto, aviation, railway, chemical etc. Has excellent adhesion to glass, tiles, ceramics, enamels, wood impregnated or painted and some plastics. It is not recommended for application on concrete, mortar, marble and natural stones. Do not use on metals such as Lead, Copper, Brass, Zinc, where the corrosion is possible. Not suitable for structural glazing, or for applications where there is prolonged contact with fuels (liquid or vapor).		
Packing	cartridge - 300 ml		
Technical Data	<i>Colour</i>	black	
	<i>Specific Gravity</i>	ca. 1,03	g/cm ³
	<i>Extrusion</i> (hole 6 mm/2 bar)	ca. 250	g/min.
	<i>Skinforming time</i> (23°C, 50% R.H.)	ca. 15	min.
	<i>Cure time</i> (23°C, 50% R.H.)	> 3	mm/24h
	<i>SHORE A</i> (DIN 53505)	20 - 25	°
	<i>Elastic modulus 100%</i> (ISO 8339)	ca. 0,47	N/mm ²
	<i>Elongation at break</i> (ISO 8339)	ca. 250	%
	<i>Temperature resistance</i>	-40 ÷ 250	°C
	<i>72 hours peak</i>	max 300	°C
Instruction for use	Surfaces must be sound, clean and dry, free of oil and other contaminants. Use suitable solvent for cleaning. In case of adhesion problems on particular surfaces, it's advisable to contact the producer, which will recommend a specific Primer. Smooth with a neutral soap diluted in water; clean fresh material with a cloth soaked in white spirit.		
Shelf-life	12 months in original, unopened packing, below 25°C.		
Notes	<i>For further information regarding safety and handling refer to the Safety Data Sheet. The information given in our circolars are at the best of our knowledge. They show possible uses of our products without any obbligation.</i>		