

## **CAF 8 RED**

Description	CAF 8 is a one component silicone elastomer which cures at room temperature: - Acetic Flowable Red.		
Examples of applications	CAF 8 is mainly used in sealing and bonding applications for domestic appliances and industrial applications.  It is notably used for: - sealing of steam chambers for electrical iron bases - sealing of clad heating elements - coating of conveyor belts		
Key benefits	CAF 8 is quick curing, has good stability at high temperatures and good adhesion to many different surfaces at temperature and under conditions of humid heat.  CAF 8 therefore provides perfect assembly and complete sealing between different materials subject to thermal stresses.  CAF 8 also has good dielectric properties and is very resistant to chemical agents.		
Typical properties		CAF 8 RED	
	Hardness ISO 868	34 sh.A	
	Elongation NF ISO 37	250 %	
	Tensile strength NF ISO 37	2 MPa	
	Viscosity NF T 76102	22000 mPa.s	
	Odour		
	Brookfield viscosity, mPa.s (Standard NF T 76105 - ASTM D 445)		
	2. Curing CAF 8 starts curing as soon as the products come into contact with atmospheric moisture. Skin formation time*, min. approx		
	3. Cured product 3.1. Specific gravity at 25 °C		
	3.2. Mechanical properties after 7 days at room temperature  Shore A hardness		
	Tensile strength, MPa		



## **CAF 8 RED**

Instruction of use

Elongation at break, %
3.3. Thermal properties Lower usage temperature limit Brittle point, °C
temperatures.  3.4. Adhesion properties - On aluminium AG3:
Curing 7 days at room temperature (1 mm thick joint, curing 7d at 23 °C, NM 748) Shear strength, MPa
3.5. Thermal conductivity Thermal conductivity at 30 °C, W/m.K
Processing is particularly easy, since the products are delivered ready to use. Application can be carried out either manually or using robotic application equipment.  CAF 8 is applied to one of the two joint surfaces and assembled before the product has formed a



## **CAF 8 RED**

	skin. It is recommended to apply CAF 8 to clean and dry surfaces.	
Regulation	Please consult your local ELKEM SILICONES sales office.	
Limitations	Please consult your local ELKEM SILICONES sales office.	
Packaging	<ul> <li>CAF 8 RED is available in</li> <li>Drum of 230 KG (507.15 LB)</li> <li>Pallet of 250 KG (551.25 LB)</li> <li>Carton</li> <li>Drum of 25 KG (55.13 LB)</li> </ul>	
Storage and shelf life	When stored in its original packaging:  CAF 8 RED may be stored at temperatures between 2°C / 36°F and 30°C / 86°F for up to 24 months from its date of manufacturing.  Comply with the storage instructions and expiration date marked on the packaging. Beyond this date, Elkem Silicones no longer guarantees that the product meets the sales specifications.	
Safety	Please consult the Safety Data Sheet of: CAF 8 RED	

Visit our website www.elkem.com/silicones/

## Warning to the users

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELKEM SILICONES guarantees that its products comply with its sales specifications. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for given use. Determination of the suitability of product for the uses and applications contemplated by users and others shall be the sole responsibility of users. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELKEM SILICONES is at their disposal to supply any additional information.