

## PRODUCT DATA SHEET

**Product Description**      **High Temperature & Flame Resistant Silicone Profiles**  
**Siloheat HTFR Plus<sup>®</sup> Type, Peroxide Cured, in compliance to:**  
**IEC 60695-1-10, EN 45545 part 2, NF 16 101, BS 6853**  
**(Typical values : Heat 300°C, Flame 800°C)**

**Supply Form**                      after request

### Raw Material Properties

Property	Nominal Value	Units	Test Method
Hardness	68 ± 5	Shore A	DIN 53505
Density	1,26 – 1,30	g/cm <sup>3</sup>	ISO 1183-1
Max. Elongation	> 350	%	DIN 53504-S1
Temperature Range	-45 °C to +180	°C	

### Other Material Properties

Brand Name	<i>Electrochem Siloheat HTFR Plus<sup>®</sup></i>
Manufacturer	Electrochem
Polymer	HCE Peroxide Cured Silicone
Non Toxic	Yes
Virgin (non recycled) raw material	Yes
Latex Free	Yes
PVC Free	Yes
Phtalate Free	Yes
β & γ – radiation stability	Yes

## Main Product Features

Properties	Excellent heat and flame resistance, top mechanical properties, non meltable, highly elastic, non deformable
Uses	Construction of doors, window, frames with specifications to top flame resistance
Dimensions	Acc. To drawing
Standards	BS EN ISO 9001: 2008, BS EN ISO 13485: 2012
Classification	IEC 60695-1-10 : V0, EN 45545 part 2 : R1/R6
Sterile	Product delivered non sterilized
Additional Certification	NF 16 101 : I2/F0, BS 6853 : A1 (LOI43%)

## Other Product Features

Shape	After request
Dimensions Tolerances	Acc. To ISO 3302-1.E1
Appearance	Black
Color	None
Surface	Mat, smooth
Printings	None
Use	Single

## Important informations

Packaging	After request
Shelf Life	Min. 5 years
Storage Conditions	No direct sunlight. No moisture.
Handling Precautions	Use No hook. Use No sharp articles. Open each packaging with care.
Littering Precautions	See national regulations concerning environmental issues

Raw material *Siloheat*<sup>®</sup> and Siloheat Silicone Profiles are products of ELECTROCHEM – Dr DELIBALTAS Ltd (Germany, Hellas)

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These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied is made. Buyer assumes all risks of use, storage, handling and disposal of the product in compliance with applicable national and local laws and regulations. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.