

# S CORALSIL

## FOOD & DRINK SHEETING

RED SILICONE 60

FOOD QUALITY HIGH PERFORMANCE SILICONE SHEETING



### MECHANICAL & PHYSICAL PROPERTIES

#### MECHANICAL

Rubber Compound	Silicone
Rubber Color	Red - S6A2
Density	1.20 g/cm <sup>3</sup> ±0.05
Hardness (ISO 48-4)	60±5 Shore A
Tensile strength (ISO 37)	≥10.0 MPa
Elongation at break (ISO 37)	≥500 %
Tear resistance (ISO 34-1)	≥20 N/mm
Compression set (ISO 815-1)	24h @ 150 °C : ≤30%

#### TEMPERATURE

Working temperature	-60/+230 °C
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#### ELECTRICAL

Volume resistivity	>10 <sup>12</sup> Ω.m.
Surface Resistivity	>10 <sup>13</sup> Ω

### CHEMICAL RESISTANCE

Diluted acids and bases	Good
Concentrated acids and bases	Medium
Ozone	Very good
Oils and hydrocarbons	Medium

### FEATURES

- Red food grade silicone, meeting regulation (EC) 1935/2004 (European legislation) and FDA classification (American legislation).

### REGULATIONS

- Meeting European regulations (EC) n° 1935/2004 and 2023/2006.
- The material is in compliance with FDA 21 CFR Part. 177. Indirect Food Additives: Polymers. Sec 177.2600 Rubber articles intended for repeated use for contact with aqueous food.
- IANESCO certificate (Institut français de Poitiers).
- Quality certificate available under request

### ADVANTAGES

- Talcum-free, clean surface free of dust
- Time saver for cleaning and adhesive process
- Very good resistance to ozone, UV light, weathering and ageing
- Excellent temperature resistance (-60/+230°C)
- Good ratio quality/price

### APPLICATIONS

- Gaskets or washers cutting and manufacturing of pieces for general industrial applications in contact with:
  - foodstuffs
  - water
  - detergents
  - diluted acids
  - strong non oxidant acids

### MAINTENANCE RECOMMENDATION

- Always follow manufacturer warnings and instructions when using any cleaning product.

Asbestos  
FREE

ADI  
FREE

Halogen  
FREE

RoHS  
compliant

REACH  
compliant

**DIMENSIONS**

Article number	Stock Situation	Thickness (mm)	Width (mm)	Length (mm)	Weight	Side 1 finish	Side 2 finish	Type of insertion	Number Of Insertions	Inner car-board tube Ø mm
0037360	STD STOCK	1	1200 ±2%	10000 ±2%	1,2	Smooth	Smooth	-	0	
0037082	STD STOCK	1,5	1200 ±2%	10000 ±2%	1,8	Smooth	Smooth	-	0	
0030504	STD STOCK	2	1200 ±2%	10000 ±2%	2,4	Smooth	Smooth	-	0	
0030505	STD STOCK	3	1200 ±2%	10000 ±2%	3,6	Smooth	Smooth	-	0	
0030506	STD STOCK	4	1200 ±2%	10000 ±2%	4,8	Smooth	Smooth	-	0	
0030507	STD STOCK	5	1200 ±2%	10000 ±2%	6	Smooth	Smooth	-	0	
0037214	STD STOCK	6	1200 ±2%	5000 ±2%	7,2	Smooth	Smooth	-	0	

**IDENTIFICATION**

*Labelling* Self-adhesive label indicating product name, dimensions, area in m<sup>2</sup>, nominal weight, and product code to allow product traceability. (94/62/EC - LDPE4)

*Wrapping* White polyethylene film.(94/62/EC - LDPE4)

*Packaging* Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.

*Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.*