



3 Rubber Sheeting

03STR_{FDA} Silicone sheet

FDA * 21CFR 177 * EC 1935/2004



Silicone rubber 03STR

can weather a wider range of temperature extremes than nearly all other elastomers

03STR has excellent tensile strength, elongation, tear strength, compression set and high temperature properties.

03STR have an excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic and ionizing radiation, and weathering in general.

Typical Application

Automotive, Domestic & Commercial Catering, Costruction, Electronics, Energy, Food&Beverage, Heating and Ventilation (HVAC), Industrial, Lighting, Marine ...

Silicone FDA - technical data sheet

Properties	Unit	Typical Value	Test Method
Color		Translucent	
Surface		Solid silicone	
Hardness	Sh A	60 ± 5°	ASTM 2240 DIN ISO 7619-1
Tensile Strength	Mpa	7,0 Mpa	ISO 37 type1 ASTM D412 die C DIN 53504 type S1
Elongation to Failure	%	280	ISO 37 type1 ASTM D412 die C DIN 53504 type S1
Tear Strength	N/mm	12,5	ASTM D624 die B
Temperature Range	°C	-60 +230	
And up to	°C	<i>Intermittent</i> +250	
Compression Set	%	24 h 150°C 30 max	BS 903 pt A6 type B DIN/ISO 815 type B
Special Properties	FDA * 21CFR 177 * EC 1935/2004		