



**OZ SILICONE
METAL DETECTABLE**

Design Description

OZ SILICONE has a great temperature range and has high resistance to low and high temperatures . It is metal detectable and concerning the chemical composition, silicone is often used in the food industry. One of the disadvantage of silicone is its low resistance against oil and greases.

Features

- Excellent food grade material
- Metal detectable
- Heat resistance
- Great temperature range

Properties	Standard	Unit	Value
Hardness	DIN 53505	Shore A	87 ± 3
Density	DIN 53479	g/cm ³	1.45
Tensile strength	DIN 53504	N/mm ²	8
Elongation at break	DIN 53504	%	120
Stress ratio 100%	DIN 53504	N/mm ²	4.2
Compression set 175 °C/24h	DIN 53517A	%	15
Tear strength	ASTM D624/B	N/mm	13
Elastic recovery	DIN 53512	%	40
Min. application temp		°C	-60
Max application temp		°C	200
Changed properties after storage in hot air			
Time		H	168
Temperature		°C	225
Hardness		Shore A	3
Tensile strength at break		N/mm ²	5.2
Elongation at break		%	140