



**OZ SILICONE  
METAL DETECTABLE**

## Design Description

OZ SILICONE has a high resistance to low and high temperatures

Concerning the chemical composition, silicone is often used in the food industry. A disadvantage is the 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 <sup>3</sup>	1.45
Tensile strength	DIN 53504	N/mm <sup>2</sup>	8
Elongation at break	DIN 53504	%	120
Stress ratio 100%	DIN 53504	N/mm <sup>2</sup>	4.2
Compression set 175 0C/24h	DIN 53517A	%	15
Tear strength	ASTM D624/B	N/mm	13
Elastic recovery	DIN 53512	%	40
Minimum application temperature		0C	-60
Maximum application temperature		0C	+200
Change properties after storage in hot air			
Time		H	168
Temperature		0C	+225
Hardness		Shore A	+3
Tensile strength at break		N/mm <sup>2</sup>	5.2
Elongation at break		%	140