

# Technical Data Sheet

## Silicone 40/50/60 Shore

Coloured Solid Silicone Elastomer Sheetting in different Shore Hardness. With excellent resistance to ozone, temperature, ageing, acids and bases.

Technical Data*:	40	50	60
Density:	1,15	1,15	1,15
Shore Hardness:	40 Shore	50 Shore	60 Shore
Tensile strength:	9 MPa	9 MPa	10 MPa
Elongation:	525%	450%	320%
Temperature range:	-60° - +230° C		

\*approximately

Chemical Resistance:	Recommendation:	Available Dimmensions:		
		Thickness	Width/Length:	Format:
Oil resistance:	0	01-06 mm	1,2 x 10 m	roll
Bezine resistance:	0	08+10 mm	1,2 x 5 m	roll
Acid resistance:	++			
Strong bases:	++			
Ozone - and weather resistance:	++			
Abrasion:	-			

### General Information:

Available without plies, both sides smooth

Colours: red and translucent - 40/50/60 Shore A  
black and blue - 60 Shore A

The colour range has been tested to and is in compliance with FDA 21 CFR 177-2600, for food contact as well as BFR B11 and EC1935/2004

Legend for recommendation of chemical resistance:

++ = excellent; + = acceptable; 0 = moderately; - = non resistant

\*\* The information, figures, test values and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operation conditions influence the application of each product, the information supplied can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether specified properties of our products are sufficient for the intended use. The use of our products is at the user's own risk. We do not have any influence concerning the application and individual usage.