

## DATAARK / OVERENSSTEMMELSESERKLÆRING

### Datasheet / declaration

<b>SILIKONE PLADER</b> <b>SILICONE RUBBER SHEET GENERAL PURPOSE</b>	
<b>Materiale:</b>	Silicone Rubber Sheet 30 – 80 SH.A. Food Approved
<b>Properties / directives:</b>	3A 18-03/USA EU1935/2004 – 2023/2006 – 2002/72 FDA 177.600  The material is according to Reach and RoHS
<b>Temperature Range:</b>	-60C to 220C and up to 250C intermittent
<b>Specifications:</b>	The colour range has been tested to and is in compliance with the American Food and Drugs Administration (FDA) 21 CFR 177-2600, BFR XV Empfehlung and colour bleed test according to BFR Empfehlung part B 11 & Directive EC 1935/2004.  Translucent, Blue, White, Red and Black have been approved by WRAS (Water Regulations Advisory Service) for use with potable water at temperatures up to 85°C (185°F). The listing number is 1310541.  These products meet the flammability requirements of FAR 25/JAR 25/CS 25 Appendix F, Part 1, (a)(1)(iv) and (a)(1)(v) horizontal flammability tests and Automotive Standard PART 571FMVSS302.
<b>Environment resistance:</b>	Silicone rubber products have an excellent resistance to ozone, oxidation, ultraviolet light, corona discharge, cosmic radiation, ionising radiation and weathering in general.
<b>Typical applications:</b>	Automotive, Domestic & Commercial Catering, Construction, Electronics, Energy, Food & Beverage, Heating and Ventilation (HVAC), Industrial, Lighting Marine
<b>Colours:</b>	Rio, black, white, blue, transparent
<b>Disclaimer:</b>	The information given and, in particular, any parameters, should be used for guidance purpose only. The Company does not give any warranty that the product will be suitable for the use intended by the Costumer. We reserve the right to make alternations of the data and the properties of the material without notice

<b>Technical data:</b>							
<b>Property</b>	<b>Units</b>						
Hardness*	Shore A	30	40	50	60	70	80
Tensile Strength**	Mpa (psi)	8.0 (1150)	9.0 (1300)	9.0 (1300)	10.0 (1450)	10.0 (1450)	7.0 (1015)
Elongation to Failure **	%	500	525	450	400	320	215
Tear Strength ***	N/mm (lb./in.)	16.0 (91)	23 (130)	18 (100)	22 (125)	20 (115)	17 (88.5)
Compression Set 24 hours @ 150C****	%	23	25	15	13	9	18
Compression set 22 hours @ 300C *****	%	20	22	16	10	10	16
* DIN ISO 7619-1	** ISO 37 type 2	*** ASTM D624 die B		**** DIN/ISO 815 type B		***** ASTM D395 method B type 2	

Revideret: September 2023