



Technical Data Sheet

Silicone cable ties, heat-resistant

CHARACTERISTICS OF MATERIALS USED

Material	Silicone hose SL 601, 60 Shore A, translucent, All-purpose material
Characteristic:	SL 601
Color	translucent
Density DIN 53749	1.20
Shore hardness A DIN 53505	60
Tear strength N/mm ² DIN 53504 S1	7
Ultimate elongation % DIN 53504 S1	500
Compression set DIN 53517	35
Resistance to tear propagation	15 N/mm ² ASTM D 624 Die B
Temperature resistant	-40 °F to +356 °F
Short-term temperature resistant	up to -76 °F, to +482 °F
UV resistance:	very good, material merely becomes somewhat yellow.

Please note that these properties can be considered typical, but are not however suitable for preparing specifications.

Information for manufacturers of consumer products as defined in the Food Act:

The raw materials used for the manufacture of SL 601 silicone tubing correspond to Recommendation XV of the German Federal Health Office (Bundesgesundheitsamt, BGA), and are listed in Title 21 CFR Section 177, 2600 of the United States Food and Drug Administration (FDA) for repeated contact with food.

Both regulations contain limits for extractable matter that must be satisfied by finished articles.

Württembergische Allplastik GmbH
Johannes-Kepler-Str. 12
71083 Herrenberg, Germany
Telephone +49 (0)7032 / 9368 0
Fax +49 (0)7032 / 9368 98

www.allplastik.com
info@allplastik.com

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