



## GRADES: HS40 to HS70 High Tear Strength Range

### TECHNICAL DATA SHEET

These high strength range of silicone rubber are suitable for applications such as peristaltic pump tubing, inflatable seals and extruded profiles. These grades have good UV resistance.

**Temperature range -65°C to 200°C.**

GRADES			HS40	HS50	HS60	HS70
Specific Gravity	DIN 53 479A	g/cm <sup>3</sup> ±0.02	1.12	1.15	1.17	1.20
Hardness	DIN 53 505	Shore A ±5°	40	50	60	70
Tensile Strength	DIN53504-S1	N/mm <sup>2</sup>	9.0	10.6	10.0	9.0
Elongation at break	DIN53504-S1	%	630	670	580	650
Tear Resistance	ASTM D 624 B	N/mm	34	38	42	48

\* USP CLASS VI Approved

\* FDA § 177.2600. & BfR XV Silicones regulations.

\* WRAS – BS6920

\* EC1935/2004

Flammability Information: If tested, HSxx would fulfil the requirements as laid down by UL standard 94HB

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Figures given above are for guidance only and should not be used in preparing specifications.

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