



GRADES: HF40 to HF80 Highly Filled grades of silicone rubber 40 – 80° Shore Hardness

This highly filled range of Silicone Rubbers has good physical properties, and is often used in the packaging industry
The material is available in most opaque colours. These grades have good UV resistance.

We can supply this as strip, tube, cord, complex extruded profiles or mouldings.

Temperature range -60°C to 200°C.

Grades			HF40	HF50	HF60	HF70	HF80
Natural Appearance			Opaque (Off White)	Opaque (Off White)	Opaque (Off White)	Opaque (Off White)	Opaque (Off White)
Specific Gravity	DIN 53 479A	g/cm ³ ± 0.2	1.3	1.3	1.3	1.3	1.3
Hardness	DIN 53 505	Shore A ± 5	40	50	60	70	77
Tensile Strength	DIN53504-S1	N/mm ²	9	10	10	10	9
Elongation	DIN53504-S1	%	475	425	360	360	340
Tear Resistance	ASTM D 624 B	N/mm	17	18	18	18	17

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

Advanced Materials Limited

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

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