

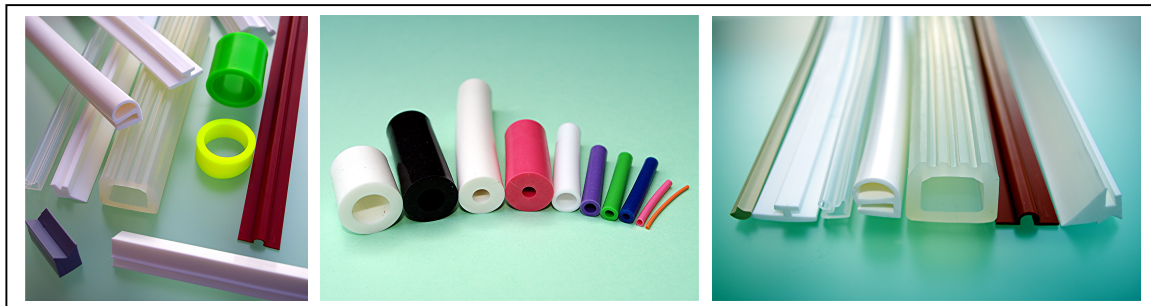
## GRADE: GP20 to GP40 Soft Silicone Rubber 20 – 40° Shore Hardness

The GP20 to GP40 range from Advanced Materials represents a Low Durometer choice of silicone rubber grade with good mechanical properties. They can be supplied for extruded profiles, including D sections, P sections, Cord, Tubing, Mouldings and Joined frame gaskets and profile rings.

These Rubbers can be supplied pigmented or transparent.

**Temperature range -60°C to 200°C.**

Grades			GP20	GP25	GP30	GP35	GP40
Specific Gravity	ISO 1183-1A	g/cm <sup>3</sup> ± 0.04	1.11	1.11	1.09	1.11	1.12
Hardness	DIN 53 505	Shore A ± 7	20	25	30	35	40
Tensile Strength	DIN53504-S1	N/mm <sup>2</sup>	9.0	9.2	9.9	9.9	10.0
Elongation	DIN53504-S1	%	920	780	720	630	580
Tear Resistance	ASTM D 624 B	N/mm	20	21	22	22	23
Rebound Resilience	DIN 53 512	%	42	50	58	56	56
Compression Set	DIN ISO 815-B	22 h/175° C %	33	31	20	36	36



FDA § 177.2600 and BfR XV Silicones regulations.

WRAS – BS6920

EC1935/2004

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

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

E & O.E.

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