

**Grades**

- GP200, GP250, GP350, GP400, GP450, GP530

**Benefits**



**Temperature range**

-60°C to 230°C  
(-76°F to 446°F)



**Environmental resistance**

Ozone, UV and weather resistant



**Flame retardant**

UL94HB  
FAR 25/JAR 25



**Long life service**

vs other elastomers

**Accreditations**



UL94 Horizontal Burn Flammability Test (Not Listed)



Federal Motor Vehicle Safety Standard



Flame Test for Aerospace Applications



Water Regulations Advisory Scheme

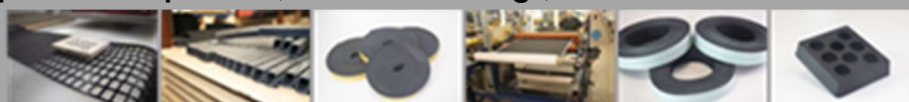
**Availability**

- Sheeting supplied in rolls up to 1000mm wide or individual sheets of 1 meter x 2 meters
- Pressure sensitive adhesive backing
- Punched and Water Jet gaskets
- Standard Colours – White, Black, Red Iron Oxide (RIO)

**Typical Applications**

- Automotive, Electronics, Energy, Construction, Heating & Ventilation (HVAC), Industrial, Insulations, Lighting and Marine.

Convertors and suppliers of die cut gaskets, tape, sheeting, fabrications, machined plastic components, rubber mouldings, extrusions and adhesives.



**Physical**

PROPERTY	UNITS	GP200	GP250	GP350	GP400	GP450	GP530	TEST METHOD
Density	kg/m <sup>3</sup> lb.ft <sup>-3</sup>	180 11.2	235 14.6	300 18.7	400 25.0	440 27.5	515 32.0	ISO 845 ASTM D1056
Hardness	Shore 00 Shore A	35 ±5 <5	40 ±5 5	50 ±5 13	65 ±5 17	70 ±5 24	80 ±5 30	ASTM D2240
Compression Stress 40% strain	kPa	50	80	105	165	220	380	ISO 3386 ASTM D1056
Compression Stress 25% strain	psi	3.0	5.0	7.0	11.0	14.5	25.0	
Tensile Strength	MPa psi	0.6 87	0.6 87	0.75 108	0.75 108	1.5 217	2.0 290	ISO 1798 ASTM D412
Elongation to failure	%	140	145	120	120	130	130	ISO 1798 ASTM D412
Compression Set 50% compression 24hrs recovery 22hrs @ 70°C (158°F)	%	14.0	6.0	2.0	2.0	1.0	1.0	ISO 1856
22hrs @ 100°C (212°F)	%	36.0	12.0	5.0	4.0	2.0	2.0	ASTM D1056
Water absorption	<5%	<5	<5	<5	<5	<5	2	ASTM D1056

**General Characteristics**

Test	Typical Value						Standard
Brittle Point	-80°C (112°F)	-80°C (112°F)	-80°C (112°F)	-80°C (112°F)	-80°C (112°F)	-80°C (112°F)	ASTM D746
Limiting Oxygen Index	24%	24%	24%	24%	24%	24%	BS 2782 Part 1
Thermal Conductivity	0.064 W.m- 1.K-1	0.070 W.m- 1.K-1	0.078 W.m- 1.K-1	0.095 W.m- 1.K-1	0.102 W.m- 1.K-1	0.117 W.m- 1.K-1	BS 874 Part 2
Radiation Resistance	>10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) typical	>10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) typical	>10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) typical	>10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) typical	>10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) typical	>10 <sup>5</sup> Grays (10 <sup>7</sup> Rads) typical	

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any particular application. All data relating to suitable uses and descriptions information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The company holds no legal or contractual responsibility for information supplied.

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