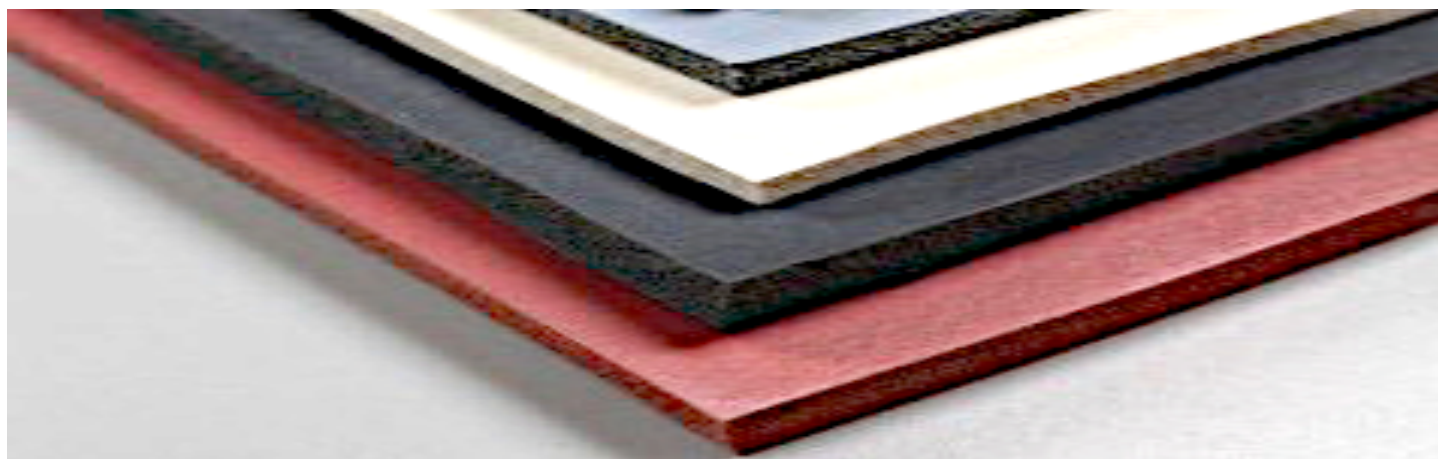


ECOHR™ Silicone Smooth Sponge Rubber



Overview:

ECOHR™ closed cell silicone rubber has predominantly structure with an integral smooth skin surface that lead to very low water absorption. It is highly compressible with low compression set over a wide temperature range, making it an ideal choice for gaskets and seals. It has excellent thermal insulation properties and good acoustic insulation material at extreme temperature of -50°C to + 200°C.

This product is available in 4 standard colour of black, grey, red and white, also available in special matching colours with a minimum order.

ECOHR sheet are post cured and can be certified to selected ASTM D1056 and ASTM D6576 specifications also AMS3195 and AMS 3196.

- ECOHR-30FDA White conforms to FDA 21 CFR 177-2600 for food contact.
- ECOHR-10FR and ECOHR-20FR Grey meets UL 94-VO
- Pressure sensitive backing are available with special order.

Properties	Typical Value			Test Method
	ECOHR-10	ECOHR-20	ECOHR-30	
Standard colours	Black, Red White	Black, Red White	Black, Red White	Visual
Density (g/cc)	0.15 - 0.3	0.25 - 0.4	0.4 - 0.5	ASTM D1056
Tensile Strength (kPa)	550	760	1320	ASTM D412
Elongation (%)	350	190	165	ASTM D412
Water Absorption (%)	3	3	1	ASTM D1056
Compression Deflection @25% (kPa)	14 - 34	34 - 63	63 - 91	ASTM D1056
Compression Set % (22hrs/100° @50%)	7	5	3	ASTM D1056
Brittle Temperature (°C)		-80		ASTM D746
Continuous Operating Temperature (°C)		-73 to +260		-
Thermal Conductivity (W/m-K)	0.06	0.09	0.11	-
Thickness (mm)		1.59 to 25.4		-
Sheet Size (mm)		914 x 914		-
*Values are typical and should not be used to write specifications.				