

TECHNICAL DATA SHEET

RUBBERFLEX SI

Chemical & temperature resistant rubber sheeting

Rubberflex Si is a silicone rubber compound that is made to suit specific customer requirements. Rubberflex Si exhibits excellent resistance against ozone and weathering, good temperature resistance and mineral oils and fuel.

Rubberflex Si only applied using the hot vulcanized system or supplied in sheet form for gaskets and associated components. In the uncured form, it is applied to abrasive blasted components in accordance with BS6374:Part 5:1985.

Cured hardness is compounded to customer requirements, although 40, 60 and 80A Shore A is generally kept as standard for roller lining applications.

TYPICAL PROPERTIES

product	Rubberflex Si
polymer	Silicone Rubber
colour	Customer Requirement
durometer	60+/-5 (ASTM D2240 Scale 'A')
tensile strength	5.5 MPa (ASTM D412 method A)
elongation @ break	250% (ASTM D412 method A)
specific gravity	1.17
temperature range	Max 230°C (Cured)
curing method	Steam Cure Autoclave

NB. All results based upon laboratory cured samples, specification subject to change without notice.

APPLICATIONS

Typical applications for these lining systems are:

- roller lining
- moulded components - small volume
- heated clamp bars

MELBOURNE
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 3-7 Freeman Street
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