

RUBBER SHEET

Commercial Grade Rubber Sheet · Roll 1.2 m x 10 m

SKU: SWBM-014

1.2 M X 10 M

COMMERCIAL RUBBER



FIG. 1 | RUBBER SHEET

PRODUCT OVERVIEW

Commercial rubber sheet is a styrene butadiene and natural rubber blend supplied in rolls. It is the general purpose workshop and maintenance material, used for gaskets, packing pieces, protective pads, splash guards and cut washers where no special chemical resistance is needed.

The sheet is inexpensive, cuts easily and handles water and air without difficulty. It is not an oil resistant material and it perishes if left in direct sunlight, so it should not be specified for outdoor or oil bearing duties where neoprene or EPDM would be the correct choice.

Product type	Commercial grade rubber sheet
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Polymer	SBR and natural rubber blend
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Hardness	60 ± 5 Shore A
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Colour	Black
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Roll size	1.2 m x 10 m
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Thickness range	1.5 mm to 10 mm
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TECHNICAL SPECIFICATION

Polymer	SBR / NR blend
Hardness	60 ± 5 Shore A
Nominal density	1.50 g/cm³
Tensile strength	4 MPa minimum, typical
Elongation at break	250 per cent, typical
Finish	Smooth both faces

Water and air	Good
Abrasion resistance	Good
Ozone and weather resistance	Poor
Oil and grease resistance	Poor, do not use
Insertion versions	Available, see insertion sheet references
Not suitable for	Oils, fuels, solvents, outdoor exposure

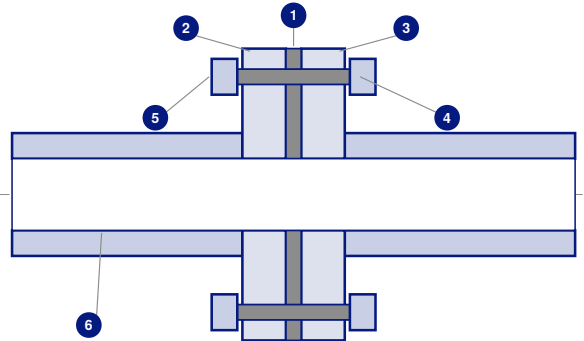
BILL OF MATERIALS


FIG. 2 | BOLTED FLANGE JOINT, SECTIONAL ARRANGEMENT

#	COMPONENT	MATERIAL
1	Gasket, cut from sheet (supplied item)	SBR / NR blend, 60 Shore A
2	Flange, upstream	Carbon or stainless steel
3	Flange, downstream	Carbon or stainless steel
4	Stud bolt	ASTM A193 B7 or equivalent
5	Hex nut	ASTM A194 2H or equivalent
6	Pipe bore	Gasket bore to match, no protrusion

Item 1 only is supplied under this reference, as sheet material or as gaskets cut to your drawing. Items 2 to 6 are shown to illustrate the assembled joint and are ordered separately. Gasket bore must match the pipe bore so that no material protrudes into the flow.

DIMENSIONS AND WEIGHTS

THICKNESS (MM)	SHEET / ROLL SIZE	AREA (M ²)	MASS PER M ² (KG)	MASS PER SHEET / ROLL (KG)
1.5	1.2 m x 10 m roll	12	2.25	27.0
2	1.2 m x 10 m roll	12	3.00	36.0
3	1.2 m x 10 m roll	12	4.50	54.0
4	1.2 m x 10 m roll	12	6.00	72.0
5	1.2 m x 10 m roll	12	7.50	90.0
6	1.2 m x 10 m roll	12	9.00	108.0
8	1.2 m x 10 m roll	12	12.00	144.0
10	1.2 m x 10 m roll	12	15.00	180.0

Mass is calculated from a nominal density of 1.50 g/cm³. Mass is calculated from the nominal density of the compound and is indicative only. Actual weight varies with batch, filler loading and thickness tolerance. Thickness tolerance is typically ±10 per cent unless otherwise agreed. Sheet and roll sizes are nominal.

ORDERING INFORMATION

FIELD	OPTIONS
Product code	SWBM-014
Roll size	1.2 m x 10 m
Thickness	1.5, 2, 3, 4, 5, 6, 8, 10 mm
Material	SBR / NR blend, 60 Shore A
Supply form	Full roll, cut length, or gaskets cut to drawing
Order example	SWBM-014 / 3 MM / 1.2 M X 10 M

Stock held in Dubai for fast despatch across the UAE and GCC. Cutting to customer drawing, ring and full face gaskets to ASME B16.5 and DIN flange tables are available from our fabrication service. Contact our sales desk for pricing, availability, project quantities and certification requirements.



SERVICE CONDITIONS

Temperature range	-20°C to +70°C
Short duration peak	+80°C, indicative
Hardness	60 ± 5 Shore A
Water and air service	Suitable
Oils and greases	Not resistant, avoid

Figures are typical for a commercial grade SBR and natural rubber blend and are given for guidance only. This is a general purpose material, not a process sealing compound. Use neoprene for weather and light oil exposure, or EPDM for hot water and steam.

TYPICAL APPLICATIONS

- Flange gaskets and cut sealing washers
- Pump, valve and manway covers
- Vibration pads and machinery mountings
- Tank and vessel lining, splash guards
- Door and hatch seals
- General maintenance and workshop sealing

COMPLIANCE AND QUALITY

- Commercial grade SBR and natural rubber blend
- General purpose material for water and air service
- Good abrasion resistance, easy to cut and handle
- Fabric insertion versions available for higher bolt load
- Gaskets can be cut to ASME B16.21 or DIN flange tables
- Not resistant to oils, fuels or solvents
- Not suitable for prolonged outdoor or ozone exposure

INSTALLATION AND OPERATION

- Store flat or rolled, away from direct sunlight, ozone sources and heat
- Cut gaskets with a sharp blade or die, avoid tearing the edge
- Match the gasket bore to the pipe bore, do not let material intrude into the flow
- Clean and degrease the flange faces before assembly
- Tighten bolts in a crossing pattern in at least three stages
- Do not retorque a rubber gasket after the joint has been in service

COMPANY

Sunel Wala Building Materials

Trading Co. LLC (SWBM)

Dubai, United Arab Emirates

SALES ENQUIRIES

info@swbm-fittings.com

Tel: +971 4 238 5652

Mobile / WhatsApp: +971 50 748 1772

ONLINE

www.swbm-fittings.com

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