Silicone

Silicone Sheeting

Silicone Sponge Sheeting

Silicone Tubing

Silicone Cord

Silicone Extrusions

Silicone Portlight

Silicone Dairy Tubing

Silicone Sponge Cord

Silicone Sponge Squares and Rectangles

Silicone Sponge Tubing

Metal Detectable Silicone

www.completerubber.com.au

As a leading supplier of silicone we can supply sheeting, extrusions, gaskets, mouldings and anything to specifically customise to a customers need. Silicone is used in many industries including automotive, construction, energy, food and beverage, heating, lighting, medical, solar, agriculture and aerospace. Whatever your industry, Complete Rubber Pty Ltd can be there to solve your problems

SILICONE SHEETING

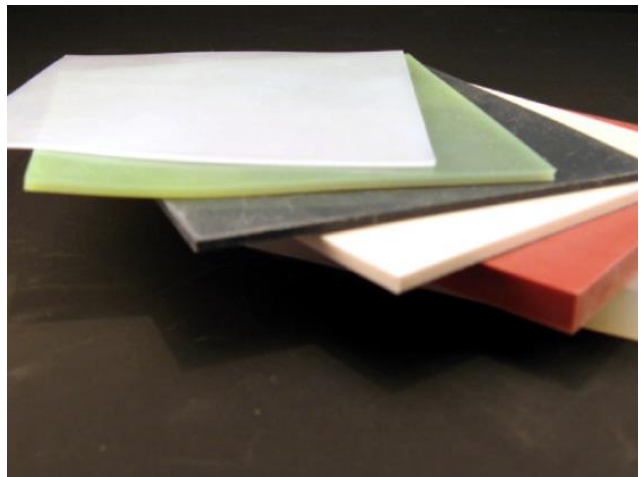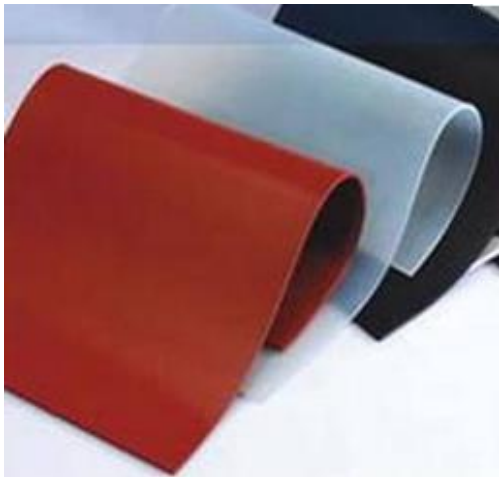| Silicone Sheeting 60 DURO			
Thickness	Red	White	Clear
0.3mm	B271-1	-	B271
0.5mm	B272-2	-	B272
1.0mm	B274	B275	B273
1.5mm	B277	B276	B278
2.0mm	B279	B278-2	B278-1
3.0mm	B280	B281	B282
4.0mm	B282-1	-	-
4.5mm	-	B283-1	B283
5.0mm	B284	-	-
6.0mm	B286	B288	B287
8.0mm	-	-	B288-1
10.0mm	B290	B289	-
12.0mm	B290-0	-	-

Available in red, white and translucent

All food grade non-toxic

Available in 1200mm wide rolls

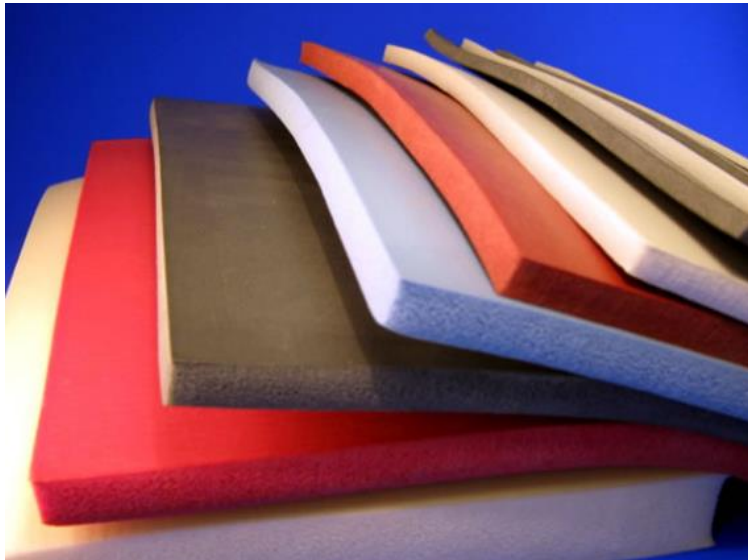| Clear Silicone Sheeting – 40 DURO	
Thickness	1.5mm
	3.0mm
	6.0mm

SILICONE SPONGE SHEETING

Available only in white, all food grade non-toxic

1000mm wide rolls

Silicone Sponge Sheeting (White)	
Part No	*Thickness*
B261-3	3.0MM
B261-4	3.0MM (adhesive backed)
B263	5.0MM
B264-1	6.0MM
B268-1	10.0MM

Other sizes available upon request

SILICONE TUBING

Translucent, food grade, non-toxic

Silicone Tubing	
ID x Wall Thickness	*Part No*
1.0 x 0.5mm	T232
2.0 x 0.5mm	T237
2.0 x 1.0mm	T238
2.0 x 1.5mm	T239
2.5 x 1.25mm	T240
3.0 X 1.0mm	T242
3.0 x 1.5mm	T243
3.0 x 2.0mm	T244-1 (trans grey)
3.0 x 2.0mm	T244-2
3.5 x 1.5mm	T244-3
4.0 x 1.5mm	T244-4
4.0 x 1.5mm	T246
4.0 x 2.0mm	T247
4.0 x 3.0mm	T247-1
5.0 x 1.5mm	T249
5.0 x 1.5mm	T249-1
5.0 x 2.5mm	T251
6.0 x 1.5mm	T253
6.0 x 2.5mm	T255
6.0 x 3.0mm	T256
7.0 x 1.0mm	T256-2
8.0 x 1.0mm	T259
8.0 x 1.5mm	T260
8.0 x 2.5mm	T262
9.5 x 1.25mm	T264-1
9.5 x 2.5mm	T264-2
10.0 x 1.5mm	T265-1 (trans green)
10.0 x 2.0mm	T266
10.0 x 2.5mm	T267
12.0 x 1.0mm	T269-1 (trans black)
13.0 x 2.5mm	T271

# SILICONE CORD

Available in white, red or translucent
60 Duro

Silicone Cord		Part no.	Thickness
Part no.	**Thickness**	C118	8.0mm (clear)
C099-1	1.0mm	C119	8.4mm
C099-2	2.0mm	C119-1	9.0mm
C099-3	2.6mm	C119-2	9.5mm (red 60 DURO)
C100	3.0mm	C120	10.0mm (red)
C104	3.5mm	C120-1	11.0mm
C108	4.0mm (red)	C121	12.0mm
C110	4.5mm (red	C122	13.0mm (red)
C110-1	4.5mm (translucent)	C122-1	13.0mm
C112	5.0mm (clear)	C124	14.0mm
C112-0	5.0mm (red)	C126	15.0mm
C115	6.35mm (translucent)	C128	16.0mm
C116	6.0mm	C130	19.0mm
C116-0	6.5mm (clear)	C132	25.0mm
C116-1	6.5mm (red)	C136	28.6mm
C117	7.0mm	C138	30.0mm
		C140	31.8mm

SILICONE EXTRUSIONS

We provide a wide variety of shapes and sizes, including U, P and E sections and many other complex shapes. These are available in many different compounds and colours to suit customer requirements.

P Shape - 1

P Shape - 2
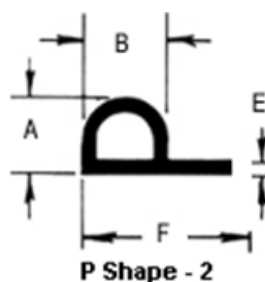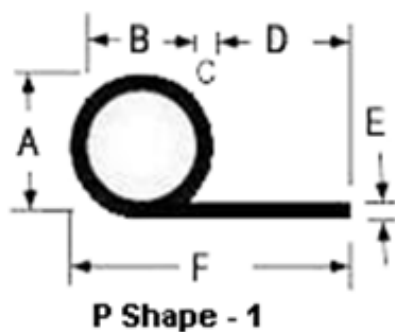
SILICONE PORTLIGHT

Silicone Square & Rectangles

Part No	W x TH
Silicone Portlight White 50 Duro	
PSILW0303	3 X 3MM
PSILW0404	4 X 4MM
PSILW0505	5 X 5MM
PSILW0603	6 X 3MM
PSILW0605	6 X 5MM
PSILW0606	6 X 6MM
PSILW0707	7 X 7MM
PSILW0804	8 X 4MM
PSILW0805	8 X 5MM
PSILW0807	8 X 7MM
PSILW0808	8 X 8MM
PSILW0907	9 X 7MM
PSILW0909	9 X 9MM
PSILW0925	9 X 25MM
PSILW1006	10 X 6MM
PSILW1008	10 X 8MM
PSILW1010	10 X 10MM
PSILW1108	11 X 8MM
PSILW1109	11 X 9MM
PSILW1110	11 X 10MM
PSILW1111	11 X 11MM
PSILW115115	11.5 X 11.5MM
PSILW1203	12 X 3MM
PSILW1205	12 X 5MM
PSILW1206	12 X 6MM
PSILW1210	12 X 10MM
PSILW1211	12 X 11MM
PSILW1305	13 X 5MM
PSILW1306	13 X 6MM
PSILW1308	13 X 8MM
PSILW1310	13 X 10MM
PSILW1312	13 X 12MM
PSILW1313	13 X 13MM

Colours made to order

SILICONE PORTLIGHT

Part No	W x TH
PSILW1403	14 X 3MM
PSILW1405	14 X 5MM
PSILW1406	14 X 6MM
PSILW1409	14 X 9MM
PSILW1410	14 X 10MM
PSILW1411	14 X 11MM
PSILW1414	14 X 14MM
PSILW1505	15 X 5MM
PSILW1510	15 X 10MM
PSILW1512	15 X 12MM
PSILW1513	15 X 13MM
PSILW1603	16 X 3MM
PSILW1608	16 X 8MM
PSILW1610	16 X 10MM
PSILW1612	16 X 12MM
PSILW1616	16 X 16MM
PSILW1710	17 X 10MM
PSILW1805	18 X 5MM
PSILW1806	16 X 6MM
PSILW1807	18 X 7MM
PSILW1810	18 X 10MM
PSILW1814	18 X 14MM
PSILW1818	18 X 18MM
PSILW1903	19 X 3MM
PSILW1906	19 X 6MM
PSILW1910	19 X 10MM
PSILW1912	19 X 12MM
PSILW1913	19 X 13MM
PSILW1915	19 X 15MM
PSILW1919	19 X 19MM

SILICONE PORTLIGHT

Part No	W x TH
PSILW2010	20 X 10MM
PSILW2012	20 X 12MM
PSILW2015	20 X 15MM
PSILW2016	20 X 16MM
PSILW2017.5	20 X 17.5MM
PSILW2020	20 X 20MM
PSILW2020-40	20 X 20MM (40 DURO)
PSILW2210	22 X 10MM
PSILW2214	22 X 14MM
PSILW2219	22 X 19MM
PSILW2406	24 X 6MM
PSILW2409	24 X 9MM
PSILW2410	24 X 10MM
PSILW2411	24 X 11MM
PSILW2503	25 X 3MM
PSILW2505	25 X 5MM
PSILW2506	25 X 6MM
PSILW2507	25 X 7MM
PSILW2508	25 X 8MM
PSILW2509	25 X 9MM
PSILW2510	25 X 10MM
PSILW2511	25 X 11MM
PSILW2512	25 X 12MM
PSILW2514	25 X 14MM
PSILW2515	25 X 15MM
PSILW2520	25 X 20MM
PSILW2525	25 X 25MM
PSILW2616	26 X 16MM
PSILW2623	26 X 23MM
PSILW3015	30 X 15MM
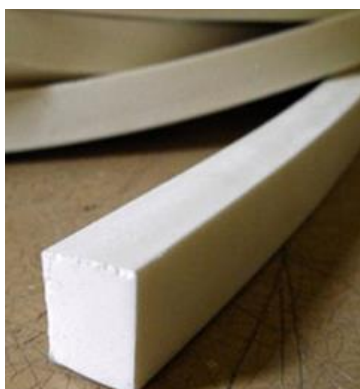
SILICONE DAIRY TUBING

The heart of every dairy farm is the milking system; it is therefore essential it is maintained and includes the best possible technical advances in material technology available. Complete Rubber's silicone dairy tubing is a high quality extruded product with excellent surface finish and concentricity. The silicone dairy tubing has been specifically developed, tried and tested to withstand the stringiest requirements of the dairy industry and is a cost-effective alternative to black natural and synthetic rubber milk tubing.

HYGIENE – HIGH QUALITY – FLEXIBLE – LONG LIFE – STRONG – EASY FIT

Complete Rubber's silicone tubing is a ore hygienic solution as silicone is significantly more inert than most organic rubbers and does not crack, erode, perish or become porous and therefore does not support bacterial growth. Our silicone tubing is a totally different material to conventional rubber and is not affected or deteriorated by light, air, radiation, ozone and dairy chemicals. The smooth internal and external surfaces are easy to clean and sterilise and imparts no taste or odour to critical streams.

Our silicone tubing meets all EC and internationals standards for hygiene and food contact use.

- ✓ Smooth, non-porous bore will not trap particles or promote bacterial growth
- ✓ Resistant to harsh alkaline chemical cleaners and sanitizers
- ✓ Food grade approved to international EC, FDA, BGVV, UL standards
- ✓ Will not crack, erode or perish
- ✓ Flexible, yet strong and easy to fit
- ✓ Compatible for food with high oil content
- ✓ Imparts no taste or odour to its critical streams
- ✓ Outlasts existing black rubber ware

Part No.	ID (mm)	OD (mm)	Wall Thickness (mm)	Coil Length (m)
T290	6.0	12.0	3.0	20
T291	7.0	15.0	4.0	20
T292	8.0	16.0	4.0	20
T293	9.0	17.0	4.0	20
T294	10.0	18.0	4.0	20
T295	12.0	22.0	5.0	20
T296	14.0	24.0	5.0	20
T297	16.0	26.0	5.0	20
T298	19.0	29.0	5.0	20
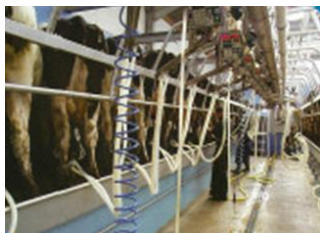
SILICONE SPONGE CORD

Product No.	Thickness
CSS020	2.0MM
CSS030	3.0MM
CSS035	3.5MM
CSS060	6.0MM
CSS080	8.0MM
CSS100	10.0MM
CSS160	16.0MM
CSS200	20.0MM

SILICONE SPONGE SQUARES/RECTANGLES

Available in sizes ranging from 2.5mm to 40mm maximum and a maximum width of 100mm

Prices on application

Can be supplied with or without self adhesive tape on one side

SILICONE SPONGE TUBING

Available in sizes from ID 5.0mm to 70mm and OD 10mm to 100mm

Made to order only

MOQ Apply

METAL DETECTABLE SILICONE

MetectSil^{TM} is a silicone rubber that can be detected as a contaminant during the manufacturing phase in food and pharmaceutical industries.

Concerns with regard to by-products originating from actual processing equipment is widespread for manufacturing industries particularly those associated with food, drink and pharmaceuticals.

A concern expressed by clients is the risk of rubber sealing particles from machinery used in the manufacturing process contaminating production lines.

The benefit of metectSil^{TM} is that in the event of eroding particles from a silicone seal made from this material entering the process line, such particles will be identified by in-line metal detection systems. The production process can then be quickly stopped, the contaminated products segregated and the process line maintained to rectify the problem.

The commercial benefit for the manufacturer is that the risk of production downtime and probability of waste being produced will be greatly reduced due to the properties of metectSil^{TM} enabling early detection of contamination.

There are three detection strengths of solid metectSil^{TM}: standard metectSil^{TM}: premium metectSil^{TM} and super metectSil^{TM}XS.

All three are tested to and comply with the requirements of the US Food and Drug Administration (FDA) regulation 21CFR177.2600 for rubber articles in repeated contact with food, and EC1935/2005 on materials and articles to come into contact with food.

MetectSil^{TM} performs admirable at temperatures ranging from -60°C to 230°C

The three forms of metectSil^{TM} (ST, SP and XS) are typically sued in seals and gaskets.

METAL DETECTABLE SILICONE
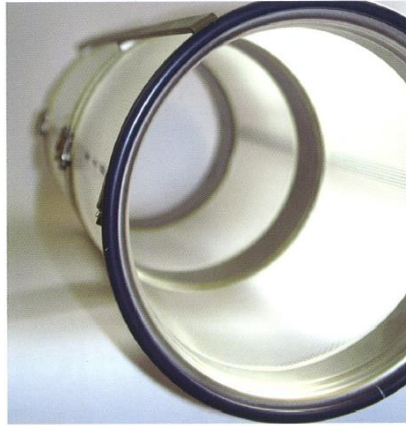
Environmental and physical properties

metectSil[TM] is highly resistant to degradation from chemical and environmental factors and is suitable for use in a range of demanding environments. It is also resistant to zone, oxidation, ultraviolet light, corona discharges, cosmic radiation, ionising radiation and general weathering.

Additionally, metal detectable silicone is available in a sponge form as metectSil[TM] SP

Benefits

The operational benefit for a manufacturer using metectSil[TM] is that the risk of production downtime and probability of waste being produced will be greatly reduced due to the properties of metectSil[TM] enabling early detection of contamination.

The commercial benefits of suing metectSil[TM] are numerous: an enhanced industrial reputation due to reduced downtime, reduced costs of quality, a reduced likelihood of customer complaints, ease of scheduling planned maintenance and insurance premiums have been shown to be lowered.