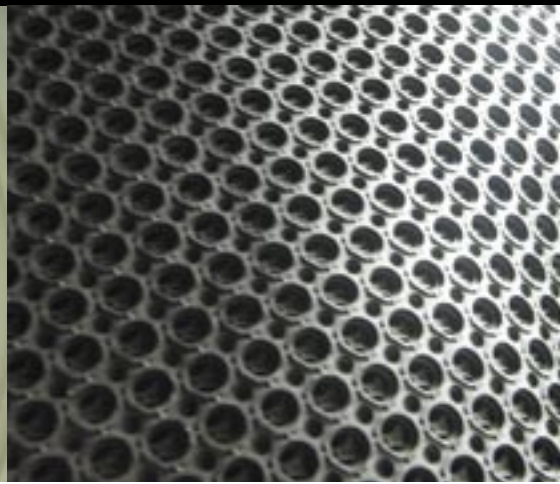




**Sheet Rubber  
Skirting Rubber  
Matting**

**TR TOTALRUBBER**



## Language of Rubber

### Natural rubber

Natural rubber has a high elasticity and tear resistance. In addition to high notch impact strength, these products have good abrasion resistance and low plastic flow characteristics. Natural rubber has the highest dynamic mechanical load-bearing capacity of all elastomers. Resistance to ozone is only moderate, but can be improved with suitable additives. Natural rubber is not resistant to non-polar liquids such as mineral oils, lubricants, motor fuels and aliphatic, aromatic and chlorinated hydrocarbons.

### Synthetic rubber (ie Nitrile, EPDM, Silicone etc)

The base material for the manufacture of synthetic rubber is oil or natural gas. In earlier times the manufacture of synthetic rubber as a substitute for natural rubber was encouraged, but increasingly it acquired its own fields of application, for which those properties in which natural rubber is deficient, such as resistance to heat, weathering and oil, were improved. Thus today there is a whole series of types of synthetic rubber, whose properties have made possible the wide range of applications which have given rubber technology its importance throughout the field of engineering.

### Formulations

Rubber is not a uniform chemical substance, but a mixture of very different materials. Several hundred substances are available for the formulation of a mixture, making it possible to produce different mechanical properties and resistance to various types of degradation. As a macro molecular material caoutchouc is the elastic component of rubber. It determines the level of the mechanical properties such as elongation at break, rebound resilience, strength and tear resistance. It is only after chemicals and additives have been mixed in, followed by vulcanization, that a usable material is produced.

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
					1	2	3	4

- 1 Hardness.**  
This is understood to mean the relative resistance of the surface to a given pressure applied by an indenter of given dimensions. The hardness number represents either the depth of indentation or suitable units derived there from, such as Shore hardness (DIN 53505).  
Example; Soft = 45, Medium = 60, Hard = 70.
- 2 Tensile strength.**  
Represented as force of unit (BAR) applied to a specimen's lateral dimension. The tensile strength represents the value of the force applied at time of rupture.
- 3 Elongation at break.**  
Elongation or strain is defined as the extension between bench marks, produced by a tensile force applied to the rubber. This is expressed as a percentage of the original distance between the bench marks at time of rupture.
- 4 Temperature stability.**  
This represents a temperature range in which the original properties of the rubber will be maintained. Rubber subjected to temperatures outside of its specified range will undergo degradation of its original properties and ultimately fail.

## Natural Insertion Rubber -: Standard Grade

Colour: Black

Body: Natural rubber compound

Reinforcement: Nylon Cloth

Recommended usage: When a general purpose reinforced natural rubber is required

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SINB008	0.8	1	1200	10	60-70	45	350	-30 to +70
SINB016	1.6	1	1200	10	60-70	45	350	-30 to +70
SINB032	3.2	1	1200	10	60-70	45	350	-30 to +70
SINB033	3.2	2	1200	10	60-70	45	350	-30 to +70
SINB047	4.7	2	1200	10	60-70	45	350	-30 to +70
SINB064	6.4	2	1200	10	60-70	45	350	-30 to +70
SINB065	9.5	2	1200	10	60-70	45	350	-30 to +70

## Natural Insertion Rubber -: Premium Grade

Colour: Black

Body: Natural rubber compound

Reinforcement: Nylon Cloth

Recommended usage: Premium Quality Gasket cutting.

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SIPB016	1.6	1	1220	10	55-65	70	350	-30 to +80
SIPB032	3.2	1	1220	10	55-65	70	350	-30 to +80
SIPB047	4.7	2	1220	10	55-65	70	350	-30 to +80
SIPB064	6.4	2	1220	10	55-65	70	350	-30 to +80
SIPB095	9.5	2	1220	10	55-65	70	350	-30 to +80

## Neoprene Insertion Rubber -: Premium Grade

Colour: Black

Body: Chloroprene (Neoprene) compound minimum 40% of weight.

Reinforcement: Nylon Cloth

Usage: When a tolerance to Hydrocarbons, U.V, and Ozone is required

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SICB016	1.6	1	1220	10	55-65	70	350	-30 to +85
SICB032	3.2	1	1220	10	55-65	70	350	-30 to +85
SICB047	4.7	2	1220	10	55-65	70	350	-30 to +85
SICB064	6.4	2	1220	10	55-65	70	350	-30 to +85

## EPDM Insertion Rubber -: Premium Grade

Colour: Black

Body: Ethylene Propylene (EPDM) compound minimum 40% of weight.

Reinforcement: Nylon Cloth

Usage: Where a tolerance to high temps, U.V, and Ozone is required

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SIEB016	1.6	1	1220	10	55-65	50	350	-30 to +110
SIEB032	3.2	1	1220	10	55-65	50	350	-30 to +110
SIEB047	4.7	1	1220	10	55-65	50	350	-30 to +110
SIEB064	6.4	2	1220	10	55-65	50	350	-30 to +110

## White faced Insertion Rubber

Colour: Black/white

Body: Natural rubber compound

Reinforcement: Nylon Cloth

Usage: Truck mudflaps

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SINW047	4.7	2	1200	10	55-65	45	350	-30 to +70
SINW064	6.4	2	1200	10	55-65	45	350	-30 to +70
SINW065	6.4	4	1200	10	55-65	45	350	-30 to +70



**White Natural Sheet -: Food Grade**

Colour: White

Body: Food Grade Natural rubber compound

Reinforcement: n/a

Recommended usage: Food and beverage processing industries (non oily).

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SRNW008	0.8	n/a	1220	10	55-65	55	350	-30 to +80
SRNW016	1.6	n/a	1220	10	55-65	55	350	-30 to +80
SRNW032	3.2	n/a	1220	10	55-65	55	350	-30 to +80
SRNW047	4.7	n/a	1220	10	55-65	55	350	-30 to +80
SRNW064	6.4	n/a	1220	10	55-65	55	350	-30 to +80
SRNW095	9.5	n/a	1220	10	55-65	55	350	-30 to +80
SRNW127	12.7	n/a	1220	10	55-65	55	350	-30 to +80

**White Nitrile Sheet -: Food Grade**

Colour: White

Body: Food grade Butadiene Acrylonitrile (Nitrile) compound minimum 40% of weight.

Reinforcement: n/a

Usage: Oily applications in the food and beverage processing industries.

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SRBW008	0.8	N/A	1220	10	55-65	55	350	-30 to +95
SRBW016	1.6	N/A	1220	10	55-65	55	350	-30 to +95
SRBW032	3.2	N/A	1220	10	55-65	55	350	-30 to +95
SRBW047	4.7	N/A	1220	10	55-65	55	350	-30 to +95
SRBW064	6.4	N/A	1220	10	55-65	55	350	-30 to +95
SRBW095	9.5	N/A	1220	10	55-65	55	350	-30 to +95
SRBW127	12.7	N/A	1220	10	55-65	55	350	-30 to +95

**White Translucent Silicone Sheet -: Premium Grade**

Colour: White Translucent

Body: Silicone

Reinforcement: n/a

Usage: When extreme temperature is required in the food and beverage industries

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SRSW008	0.8	N/A	1220	10	50-60	65	600	-50 to +200
SRSW016	1.6	N/A	1220	10	50-60	65	600	-50 to +200
SRSW032	3.2	N/A	1220	10	50-60	65	600	-50 to +200
SRSW047	4.7	N/A	1220	10	50-60	65	600	-50 to +200
SRSW064	6.4	N/A	1220	10	50-60	65	600	-50 to +200
SRSW095	9.5	N/A	1220	10	50-60	65	600	-50 to +200
SRSW127	12.7	N/A	1220	10	50-60	65	600	-50 to +200

**Red Silicone Sheet -: Premium Grade**

Colour: Red

Body: Silicone

Reinforcement: n/a

Usage: Where a tolerance to extreme temperature is required.

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SRSR008	0.8	N/A	1220	10	50-60	65	600	-50 to +200
SRSR016	1.6	N/A	1220	10	50-60	65	600	-50 to +200
SRSR032	3.2	N/A	1220	10	50-60	65	600	-50 to +200
SRSR047	4.7	N/A	1220	10	50-60	65	600	-50 to +200
SRSR064	6.4	N/A	1220	10	50-60	65	600	-50 to +200
SRSR095	9.5	N/A	1220	10	50-60	65	600	-50 to +200
SRSR127	12.7	N/A	1220	10	50-60	65	600	-50 to +200



# MATTING

## Solid PVC Matting

Colour: Black, Blue, Red  
Reinforcement: n/a

Body: PVC solid  
Usage: Workshops, counter areas, wet areas such as bars and pools.

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SMPSR11	11	n/a	900	12	70-80	50	400	-5 to +50

## Hollow PVC Matting

Colour: Black, Blue, Red  
Reinforcement: n/a

Body: PVC hollow  
Usage: Workshops, counter areas, wet areas such as bars and pools.

Product Code	Thickness mm	Number of plies	Width mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SMPHR11	11	n/a	900	12	70-80	50	400	-5 to +50

# SKIRTING

## Skirting Rubber Standard

Colour: Black  
Reinforcement: n/a

Body: Natural Rubber compound  
Recommended usage: Conveyor Belt skirting

Product Code	Thickness mm	Widths mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SSNB06	6	75, 100, 125, 150, 200, 250, 300, 1200	30	50-60	50	350	-30 to +70
SSNB10	10	75, 100, 125, 150, 200, 250, 300, 1200	30	50-60	50	350	-30 to +70
SSNB12	12	75, 100, 125, 150, 200, 250, 300, 1200	30	50-60	50	350	-30 to +70
SSNB16	16	75, 100, 125, 150, 200, 250, 300, 1200	30	50-60	50	350	-30 to +70
SSNB19	19	75, 100, 125, 150, 200, 250, 300, 1200	30	50-60	50	350	-30 to +70

## Skirting Rubber Soft

Colour: Black  
Reinforcement: n/a

Body: Natural Rubber compound  
Recommended usage: Conveyor Belt skirting

Product Code	Thickness mm	Widths mm	Length mtrs	Hardness (shore A)	Tensile strength BAR	Elongation at break %	Temperature °C
SSSB06	6	75, 100, 125, 150, 200, 250, 300, 1200	30	40-50	50	350	-30 to +70
SSSB10	10	75, 100, 125, 150, 200, 250, 300, 1200	30	40-50	50	350	-30 to +70
SSSB12	12	75, 100, 125, 150, 200, 250, 300, 1200	30	40-50	50	350	-30 to +70
SSSB16	16	75, 100, 125, 150, 200, 250, 300, 1200	30	40-50	50	350	-30 to +70
SSSB19	19	75, 100, 125, 150, 200, 250, 300, 1200	30	40-50	50	350	-30 to +70

# Other Products from TOTALRUBBER

<b>Power Transmission</b>	<b>PVC Hose</b>	<b>Rubber Hose</b>
Total Omniforce® Vee Belts	Tigerflex Abrasive Transfer	Water Delivery/Suction
Contitech Transmission Products	Water Suction	Air Fabric/Steel
Variable Speed	Layflat	Twinweld Oxy/Actelene
Poly vees	Pressure Hose	Twinweld Oxy/LPG
Wedglink/Brammer	Petrol/Oil Resistant	Vacuum & Airbrake
Jason Acculink	Premium Garden	Steam/Steel & Fabric
Conveyor Belt Fasteners	Agricultural Spray	Greaseproof Steam
Multi-Band Belts	Air Breathing	Hot Wash
Pulleys - Aluminum	Milk & Food Suction/Delivery	Sand Blast
Pulleys - Taperlock	Pesticide Spray	Fire Reel
Skirting Rubber	Dairy Wash	Hot Air
Timing Belts	Hot Wash	Fuel Dispenser
Timing Pulleys	Washing Machine Hot/Cold	Wine & Food Suction/Delivery
HTD Timing Belts	Air Seeder	Material Handling
<b>Ducting</b>	<b>Hose Fittings</b>	Car Heater
Ductaflex	Sanitary Couplers	Petrol & Oil Delivery/Suction
Dust & Fume Extraction	Camlock Fittings	Garden Hose
Extractaflex	Air Hose Fittings	Multi-Purpose
Plasticoat	Super Clamps	Mine Dewatering
Urethane ducting	Tridon Worm Drive Clamps	Dry Cement
	Dallai Couplings	Radiator Hose
	Flanged Hose Tails	
	Poly Nut & Tails	
	Compressor Couplings	
	Strainers	

## Who is Totalrubber?

Totalrubber has grown over the last 27 years from an idea to a highly successful major distributor and importer of industrial rubber and plastics, servicing all facets of Australian Industry and Agriculture.

This development has been achieved due to the strength of its technical know-how, service to our customers and innovative approach to product development.

The company has over 27 years experience operating across varied markets offering an extensive base of quality products.

Being an Australian owned company, Totalrubber makes decisions based on Australian industry needs, rather than what is dictated by an agenda set by offshore interests.

A strong sales and service emphasis was our focus right from inception, leading the company into diverse product lines and hence becoming a "one stop" supplier.

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**Anywhere in Australia**

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