ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.
Quality Rubber Solutions

Zenith Industrial Rubber Products Pvt. Ltd.
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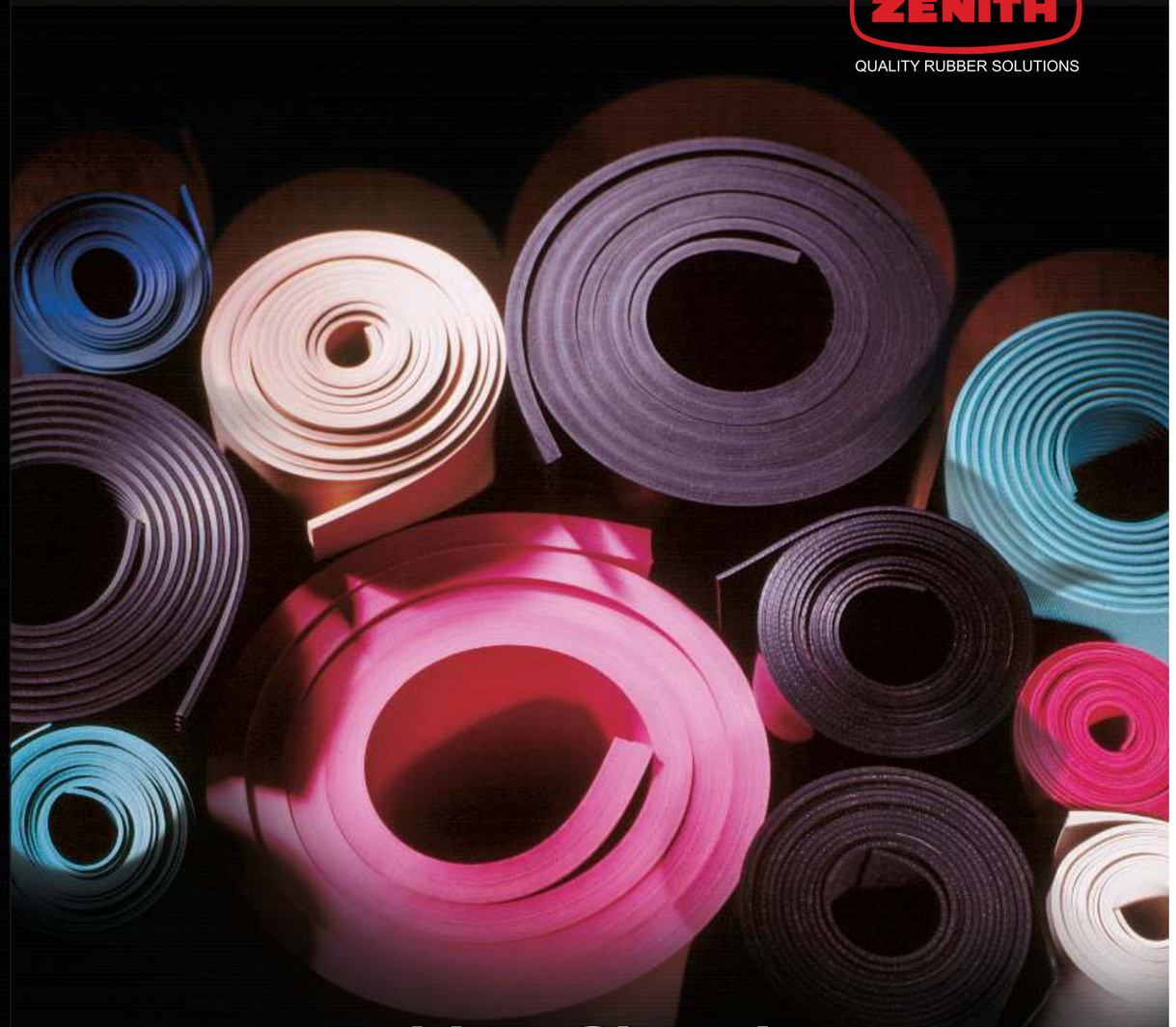
ZENITH™
QUALITY RUBBER SOLUTIONS



Rubber Sheeting

ZENITH INDUSTRIAL RUBBER PRODUCTS PVT. LTD.
Quality Rubber Solutions

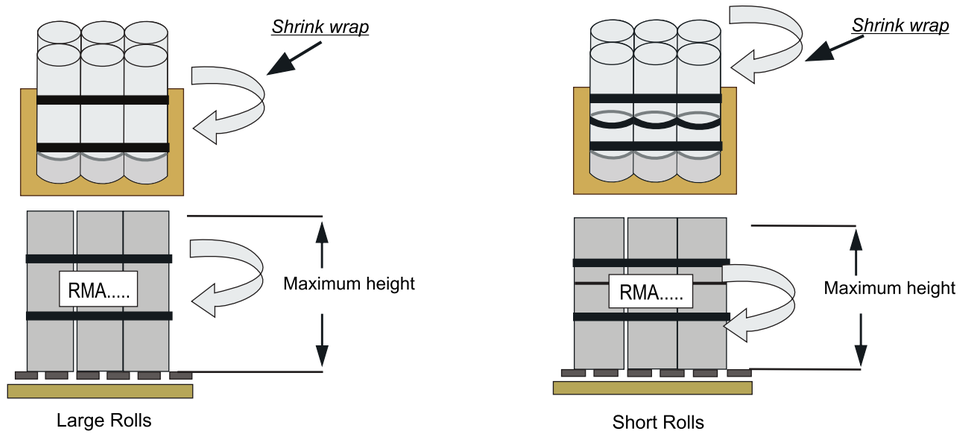
CONTENTS

Zenith Rubber was established in 1965 and is a leading manufacturer and exporter of Rubber Sheeting, Flooring, Coated Fabrics, matting and Molded goods.

In 2006, Zenith upgraded its entire manufacturing facilities and built a state of the art plant 60 kms from Mumbai. Spread over six acres, this facility houses a completely integrated plant that has world class capabilities from compounding to dispatch of the goods, giving Zenith a complete control over its manufacturing process.

Today it enjoys the leadership status as a major exporter of quality rubber sheets, rubber floorings, coated fabrics, rubber mats. Zenith is a Government Recognized Export house with a present installed capacity of **40,000** tons of rubber products per annum.

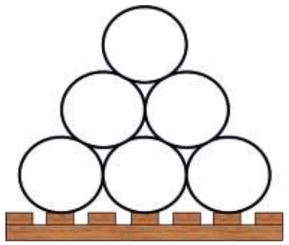
Over 90% of its products are exported to five continents around the world. Zenith has built up a wide base of discerning customers the world over. This has been made possible with the Zenith team of dedicated, trained personnel having earned a strong reputation of it's capability to innovate, thereby upholding the maxim of Total Quality Management - all the time.



Large Rolls

Short Rolls

- All material must be secured to the pallet in such a manner as to prevent shifting according to diagram below.
- Metal banding is not to be used.
- All rolled material must stand on end.
- All material must be placed on a pallet large enough so there is no overhanging material on any side.
- Rolls must be stacked vertically 6 roll maximum per pallet "DO NOT STACK".
- Shrink wrapped and strapped with plastic strapping "NO METAL BANDING".



DO NOT STACK HORIZONTALLY

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Storage of the products

a) Storage conditions should be maintained according to DIN 7716 standards.

b) Product must be stored in cool, dry places with temperature ranging 10°C/20°C, sheltered from the sun and free from ozone etc.

c) Avoid contact with hydrocarbons, solvents, acid and alkalis.

Manufacturing tolerances

Thickness (mm)		Tolerance ± (mm)	
From	Up To	Standard	Abrasion
0.5	1.9	0.2	
2.0	4.9	0.3	
5.0	7.9	0.4	0.5
8.0	11.9	0.7	0.7
12.0	19.9	0.8	1.0
20.0	24.9	1.0	1.4
25.0	29.9	1.25	1.75
30.0	34.9	1.5	2.0
35.0	39.9	1.75	2.4
40.0	49.9	2.0	2.8
50.0	59.9	2.25	3.0
60.0	100	2.5	3.0

Width Tolerance	± 2 %
Length Tolerance	± 5 %

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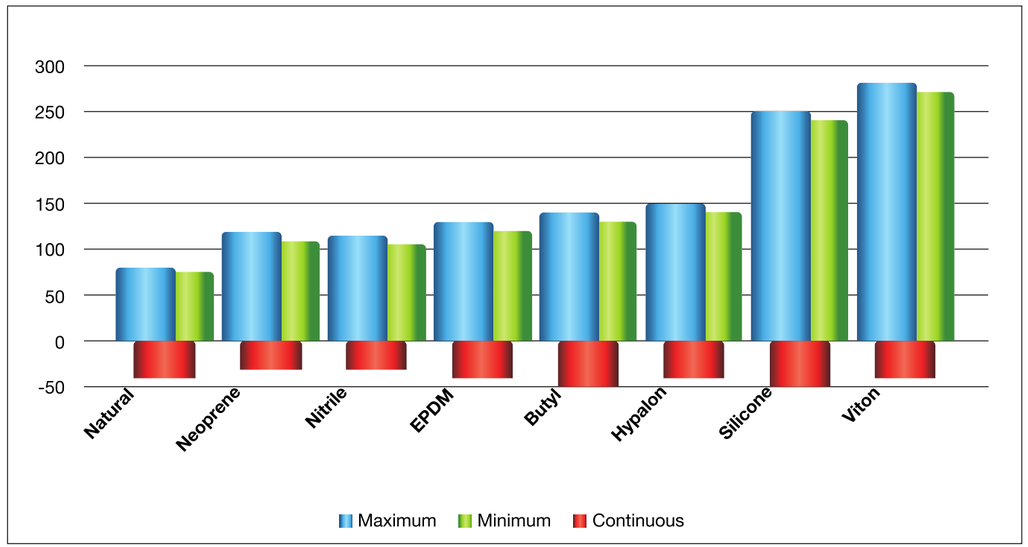
Polymer Selection Criteria

Application		NR/SBR	Neoprene	Nitrile	EPDM	Butyl	Hypalon	Silicon	Vitone
Petrol		Poor	Poor	Good	Poor	Poor	Poor	Poor	Excellent
Lubricating Oils		Poor	Fair	Good	Poor	Poor	Fair	Good	Excellent
Acids		Fair	Fair	Good	Excellent	Excellent	Excellent	Fair	Good
Alkali		Fair	Fair	Fair	Good	Excellent	Excellent	Fair	Fair
Hydraulic	Phosphates	Poor	Poor	Poor	Good	Good	Fair	Good	Poor
Fluid	Silicates	Poor	Good	Good	Fair	Fair	Good	Poor	Good
Abrasion Resistance		Excellent	Good	Good	Good	Good	Good	Fair	Good
Tear Strength		Good	Good	Good	Fair	Good	Fair	Poor	Fair
Impact Resistance		Excellent	Good	Fair	Good	Good	Good	Fair	Fair
Resilience		Excellent	Good	Good	Good	Fair	Good	Poor	Fair
Impermeable to Gases		Fair	Good	Good	Good	Excellent	Excellent	Poor	Excellent
Compression Set		Good	Good	Good	Fair	Fair	Fair	Good	Good

Operating Temperature



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Potable Water Sheet

WQC (Australia) approved EPDM Sheet for using in contact with Drinking Water

Water intended for human consumption without imparting any toxic effect is drinking water. Water of sufficient quality to serve as drinking water is termed as potable water whether it is used as such or not.
The non-metallic materials can cause changes in water quality when it comes in contact with it. BS 6920 and its modified version AS/NZS 4020:2002 (for Australian and New Zealand requirements) is the method for testing the water quality –i.e, 'Testing of products for use in contact with drinking water' and any non-metallic product should comply with these test requirements for getting the approval given by Water Quality Centre (WQC).

Zenith PWS has been developed for using in contact with drinking water which has been met all the technical and biological property requirements as tested by following the corresponding Standards.

Zenith PWS is a high performance and low specific gravity (1.13) EPDM rubber compound which can be applied for water fitting (supplying) parts e.g., lining, joining, gaskets, membranes, cisterns, O-rings, washers that are used in contact with drinking water.

POTABLE WATER SHEETS - COMMERCIAL GRADE							
Code	Specific Gravity	Hardness (+/-5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm²	Shore A	(min) kg/cm²	(min) %	%	°C	
EP70115	1.13	70	115	350		-30 to +130	Black

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

Note	1). One side or both side smooth or fabric finish can be supplied.
	2). Specifications are subject to change without notice.

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Electrical Insulation Matting

Zenith Rubber manufactures a wide range of rubber matting's for various applications. Zenith offered the entire range from mats for entrances and doors to smaller car mats. Technical mats for industrial purposes are also available. Mats for electrical insulation up to 50,000 volts are tested in our in-house facility. Each roll is thoroughly tested as per specification ensuring complete safety with clear markings of test standards. Tough long lasting mats are designed to protect operatives from electrical shops. Easy to clean and maintain. It is available in several designs and colors for aesthetic appeal. Manufactured as per BS 921, AS 2978, ASTM-D 178 or IS 5424

ELECTRICAL INSULATION MATTING AS PER IEC CEI 61111									
Code	Finish Type	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temp. Range	Polymer Type	Colour
		gm/cm³	Shore A	(min) kg/cm²	(min) %	%	°C		
ELM 30000	Fabric	1.50	75	50	200	40	-30 to +130	EPDM	Grey
ELM 50000	Fabric	1.50	75	50	200	40	-30 to +130	EPDM	Grey
ELS 30000	Fabric	1.60	70	40	200	40	-30 to +70	NR/SBR	Black
ELS 50000	Fabric	1.60	70	40	200	50	-30 to +70	NR/SBR	Grey

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

Note	1). Specifications are subject to change without notice.

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NR/SBR Rubber Sheets

NR or Natural Rubber Poly-isoprene is derived from latex liquid extracted from rubber trees. Originally cultivated in the Amazon region, it is now cultivated extensively in South East Asia, Africa and India. This rubber has excellent mechanical properties, low compression set and high resilience. It also has excellent dynamic and rebound properties. The operating temperature range is from -50° C to + 90° C. It is available in a wide range of hardness from 30° to 80° Shore A. Many of them have good resistance to acids, alkalis and salts. It is not recommended for use in areas where it could come in contact with oils and hydrocarbons. They are special purpose high abrasion resistant rubber sheet, made from premium quality dry Natural Rubber with outstanding resistance to cut, tear and abrasion used for anti-abrasion rubber linings for material handling equipment in mines Application wise, they are used as skirt-board sheets, bridge bearing pads, shot blasting sheets, Chute Lining, High Tensile Tan Gum sheets and commercial sheets with & without cotton insertion etc.

NATURAL RUBBER SHEETS - COMMERCIAL GRADE								
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	°C	
ZENA Flex 60	1.35	60	50	300	400	50	-30 to +70	Black
ZENA Flex 65	1.35	65	50	300	450	55	-30 to +70	Black
NR 65140	1.40	65	80	380	400	50	-30 to +70	Black
NR 70150	1.50	70	35	250	450	----	-30 to +70	Black
FF 75210	2.10	75	15	150	400	----	-30 to +70	Black

ABRASION RESISTANT RUBBER SHEETS								
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	°C	
Zena Blast Pro 40	1.10	40	165	600	100	30	-25 to +70	Black
AB 45110	1.10	45	150	600	100	30	-25 to +70	Red / Yellow
AB 40250	1.10	40	175	800	250	30	-25 to +70	Black
AB 70110	1.12	70	175	350	120	35	-25 to +70	Black
Zen Star Pro	1.15	60	150	500	100	30	-25 to +70	Black
AB 60115	1.15	60	140	500	145	30	-25 to +70	Black
Zen Star	1.17	60	115	450	120	30	-25 to +70	Black
Zena Blast Eco	1.20	45	140	500	200	35	-25 to +70	Black Para
Combi 64110	1.15	60/45/60	150	500	100	30	-25 to +70	Black / Red / Black

SKIRTBOARD RUBBER SHEETS								
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	°C	
ABE 45115	1.15	45	100	400	220	35	-25 to +70	Pink / Blue / Yellow
ABE 45120	1.20	45	80	300	220	35	-30 to +70	Brick Red / Blue
ABE 55120	1.20	55	100	400	300	35	-25 to +70	Black

ABE 50120	1.20	50	80	350	140	40	-25 to +70	Black
ABE 50125R	1.25	50	75	500	350	40	-25 to +70	Black
ABE 60120	1.25	60	70	350	220	35	-25 to +70	Black

NATURAL RUBBER SHEETS - BEIGE/HONEY/TANGUM								
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	°C	
AB 35100	0.98	35	200	600	----	30	-25 to +70	Blonde
PA 40100	1.02	40	150	600	120	30	-25 to +70	Beige/Grey
PA 45100	1.05	45	160	600	120	30	-25 to +70	Beige
PA 40110	1.10	40	160	700	225	30	-25 to +70	Beige/Grey
TA 45120	1.25	45	100	400	140	35	-25 to +70	Beige
TA 50120	1.25	50	100	450	150	35	-25 to +70	Beige/Grey
NR 50125R	1.25	50	75	500	350	40	-25 to +70	Red / Pink
NR 45115W	1.12	45	90	600	230	35	-25 to +70	Beige / Grey

SBR FOOD GRADE RUBBER SHEETS								
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	°C	
SB 60150 F	1.50	60	80	200	----	40	-30 to +70	Off White

MULTI PURPOSE RUBBER SHEET								
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	°C	
MP 70140	1.45	70	40	225	----	40	-20 to +80	Black

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

Note	1). Sheets can be supplied with 1 or 2 ply insertion/s in Cotton, Nylon, Polyester, Glass Fibre etc.
	2). One side or both side smooth or fabric finish can be supplied.
	3). Specifications are subject to change without notice.

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Flouro Elastomer Rubber Sheets

Fluoro Elastomer rubber is based on hexa-fluoropropylene vinyl-idene fluoride. The polymer has high resistance to heat with a temperature range of -40 C to +250 C. It has also processes a good flame resistance and is usually self-extinguishing. FKM's have excellent resistance to oxygen, ozone and natural weathering and also have outstanding resistance to compression, especially at elevated temperature. Its resistance to most solvents and chemicals give long service life as it has excellent resistance against hydrocarbons, aliphatic, aromatic and chlorinated chemicals and resistance to acids and alkalis including oxidants. However, they have poor performance against ethers, ketones and bases.

FKM RUBBER SHEETS							
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	%	°C	
FPG 72190 G	1.90	70	50	200	45	-30 to +250	Black

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

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Abra Super® Rubber Sheets

Zenith's **Abra-Super®** Rubber sheets use premium natural rubber for abrasion, impact and corrosion resistance. The **Abra-Super®** range provides unmatched wear performance in the toughest abrasion environments.

Our sustained performance advantage in the rubber industry lies in our proven manufacturing process, which creates a product that provides superior performance when compared to other wear materials.

Pure natural rubber is an outstanding abrasion resistant material, particularly for handling slurries. The inherent properties of strength, resilience and cut resistance have a direct effect on wear performance.

HIGH ABRASION RESISTANT RUBBER SHEETS								
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	°C	
Abrasuper-40	0.98	38	240	810	120	15	-30 to +70	Pink / Blue / Orange
Abrasuper-60	1.10	60	200	500	110	15	-30 to +70	Pink / Blue / Orange
ABRA R 60	1.10	60	270	700	110	20	-40 to +70	Red
ABRA HD 60	1.10	60	215	470	110	20	-40 to +75	Black
ABRA HDR	1.15	70	225	600	110	25	-40 to +75	Red
ABRA HD 70	1.15	70	215	450	90	25	-40 to +75	Black

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

Note	1). Sheets can be supplied with 1 or 2 ply insertion/s in Cotton, Nylon, Polyester, Glass Fibre etc.
	2). One side or both side smooth or fabric finish or buffed finish can be supplied.
	3). Specifications are subject to change without notice.

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Silicone Rubber Sheets

Silicone rubber is physiologically inert, thus making it the preferred choice of medical, pharmaceutical and food processing industries. Silicone have comparatively low mechanical properties, tensile strength, elongation and tear strength, however they keep constant even at high temperatures but should not be used with high- pressure steam. Its resistance to oil and hydrocarbon products is fairly limited and similar to that of Chloroprene rubbers. Reasonable resistance to a whole range of general chemical products, but acids, alkalis, esters and kerosene should be avoided. Silicone has excellent resistance to heat (dry air), at +200°C intermittent. It remains flexible at low temperatures of -70°C and it is also resistant to ultra-violent light, Ozone and weathering. Exhibits low inflammability and low smoke toxicity. It has good electrical insulation properties.

SILICONE RUBBER SHEETS							
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	%	°C	
SI 60117	1.16	61	80	300	40	-60 to +226	Blue Food Grade
SI 60120 T	1.20	60	100	250	40	-60 to +225	Translucent
SI 50120	1.20	50	90	250	40	-90 to +200	Translucent
SI 60120	1.20	60	60	250	40	-90 to +200	Red / White
SI 60130	1.30	60	60	200	45	-70 to +200	Brick Red
SI 70130	1.30	70	60	200	45	-50 to +200	Red
SI 65130	1.35	65	50	150	45	-50 to +175	Brick Red

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

Note	1). One side or both side smooth or fabric finish can be supplied.
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Diaphragm Rubber Insertions

Special sheet is manufactured with 1 ply and 2 ply Nylon Fabric Insertion used as Diaphragms for Oil, LPG and solvent resistant applications. The Diaphragm sheet is manufactured with high quality Nitrile Rubber Compound designed for long service. This rubber sheet is reinforced with 1 ply or 2ply Nylon fabric to provide strength. Recommended for use in control valves, regulators, pumps etc for creating differential pressures.

DIAPHRAGM RUBBER SHEETS WITH 1 PLY OR 2 PLY NYLON INSERTION									
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Volume swell at 40°C/22 hrs/Full B	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	% (Max)	°C	
DS 60120 S	1.20	60	100	300	200	25	25	-30 to +110	Black
DS 70130 S	1.30	70	80	250	250	30	25	-30 to +110	Black

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

Insertion Fabric	RFL Dipped Nylon 6, 150 GSM
Breaking Strength	Warp - 150 kgs/5 CM, Weft - 135 Kgs/5 CM
Note	1). One side or both side smooth or fabric finish can be supplied.
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CSM (Hypalon®) Rubber Sheets

Hypalon is very resistant to attack by oxygen and ozone, and properly compounded products show excellent weathering resistance. High tensile strength is characteristic of hypalon vulcanizates, which do not need the use of highly reinforcing fillers for good tensile properties. Compounds can be formulated for excellent abrasion resistant and for brittle temperatures as low as -60°c (-76°F). Hypalon vulcanizates show excellent resistant to corrosive chemicals. They have excellent electrical properties. They have good heat resistance with an "EE" rating by ASTM D2000 being obtainable. They can also be compounded for good flame resistance.

HYPALON RUBBER SHEETS							
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	%	°C	
HN 60130	1.30	60	160	350	35	-35 to +140	Black
HN 65140	1.40	65	100	350	40	-30 to +140	Black
HN 70140	1.40	70	70	400	40	-35 to +110	Black

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

Note	1). One side or both side smooth or fabric finish can be supplied.
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Butyl Rubber Sheets

Butyl rubber is a copolymer or isobutylene and a small percentage of isoprene and has a very low permeability to air and other gases. It has excellent resistance to ozone, oxidation and sunlight, with an excellent temperature range of -45° C to + 130° C. Butyl has a very low resilience, which makes it ideal for vibration damping and shock absorption applications but offer a moderate resistance to abrasion and compression set. With careful compounding, Butyl compound can be made to acquire really good tensile strength. It is resistant to most inorganic products and highly resistant to mineral acids, alkaline and aqueous acids. We do not recommend its use in application where resistance to oils and Hydrocarbons is required. We can offer halogenated Butyl Rubber Sheets for specified applications.

BUTYL RUBBER SHEETS - COMMERCIAL GRADE							
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	%	°C	
CIIR 55110	1.10	55	130	550	25	-45 to +125	Black
IR 60120	1.20	60	90	350	40	-40 to +150	Black
IR 65130	1.35	65	60	250	40	-40 to +120	Black

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

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ZENITH™
QUALITY RUBBER SOLUTIONS

Nitrile Rubber Sheets

Nitrile rubber or acrylonitrile butadiene rubber is a co-polymer of butadiene and acrylonitrile. It has good general resistance to oil along with good mechanical properties, especially tensile strength, flexing, compression set and impermeability to gases. It has moderate aging properties and good adhesion to metal. Its recommended operating temperature range is -30° C to + 120° C. It also displays a good resistance to inorganic chemical products except antioxidant agents and chlorine. It gives satisfactory resistance to general hydrocarbons. Due to its polar nature, we do not recommend its use with polar liquids like ketones, ethers and amines.

NITRILE RUBBER SHEETS - SPECIAL GRADE									
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Change in Volume at ASTM Oil No 3 70 °C/72 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	%	°C	
Zena Trile 100	1.35	65	100	350	200	30	15	-30 to +120	Black
NB 65135	1.35	65	50	300	----	30	20	-30 to +70	Black
Zena Trile 30	1.45	70	50	250	300	40	75	-30 to +90	Black
NB 65150	1.48	65	70	200	----	35	10	-30 to +120	Black
NB 60150	1.50	60	70	300	300	30	12	-30 to +120	Black

FOOD GRADE RUBBER SHEET									
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Change in Volume at ASTM Oil No 3 70 °C/72 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	%	°C	
NB 65140 F	1.40	60	60	350	----	30	15	-25 to +120	Off White

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

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QUALITY RUBBER SOLUTIONS

Chloroprene (Neoprene®) Rubber Sheets

CR or Chloroprene is a homo-polymer of chloroprene or chloro-butadiene. It has excellent mechanical and good abrasion properties even without reinforcing filters and has a reasonable resilience in grades over 60° shore A. It displays good resistance to heat, ozone and weathering and also gives good adhesion to metal. The recommended operating temperature range is between -40°C to +125°C. It has good resistance to inorganic hydrocarbons. We also offer flame retardant grades.

NEOPRENE RUBBER SHEETS - COMMERCIAL GRADE									
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Abrasion	Compression Set at 70° C for 22 Hrs	Temp. Range	Oil swell in ASTM oil 903	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	mm³ 10 N	%	°C		
NE 65130	1.35	65	70	300	----	50	-25 to +100	55%	Black
NE 50140	1.40	55	60	350	----	45	-30 to +90	90%	Black
Zena Prene 100	1.40	65	100	400	250	40	-25 to +130	35%	Black
NE 60140	1.45	60	40	250	----	45	-35 to +80	90%	Black
Zena Prene 30	1.45	70	50	225	----	45	-25 to +80	75%	Black

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

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EPDM Rubber Sheets

EPDM or Ethylene Propylene Diene Monomer has an excellent operating temperature range of -45°C to + 120°C.It is highly recommended for out-door uses as it extremely resistant to oxidation, U.V. Rays and Ozone. However, EPDM does not have good oil resistance or adhesion properties. It is resistant to many chemicals and solvents and shows good resistance to many corrosive chemicals. It is also used for roofing sheets and weather strips.

EPDM RUBBER SHEETS - COMMERCIAL GRADE							
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	%	°C	
Zena EP 100	1.30	60	80	300	50	-30 to +100	Black
EP 65130	1.35	65	60	250	55	-30 to +70	Black
Zena EP 30	1.35	60	50	300	50	-30 to +70	Black

EPDM RUBBER SHEETS - SPECIAL GRADE							
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	%	°C	
EP 60110	1.15	60	100	300	25	-30 to +130	Black
EP 65115	1.15	65	144	400	30	-30 to +130	Black
EP 50125	1.25	50	90	300	30	-30 to +130	Black
EP 65120	1.25	65	80	300	30	-30 to +120	Black
EP 70120 ACS	1.18	70	144	250	8	-30 to +120	Black

EPDM RUBBER SHEETS - FOOD GRADE							
Code	Specific Gravity	Hardness (+/- 5)	Tensile Strength	Elongation at break	Compression Set at 70° C for 22 Hrs	Temp. Range	Colour
	gm/cm³	Shore A	(min) kg/cm²	(min) %	%	°C	
EP 60130 F	1.30	60	50	300	40	-25 to +140	Off White

Standard Length	10 Mtr	33 Ft	11 Yard
Standard Width	1.2/1.4/1.5 Mtr	4/4.6/4.92 Ft	1.33/1.53/1.64 Yard

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