

Monti & Barabino

Technical Supplies for
Industrial and Naval field
since 1880



ELASTOMERS



Monti & Barabino, established in 1880, is based in Genoa and operates in the field of Technical Items supplies for the Industrial and Maritime Sectors.

The extremely wide experience matured in more than 135 years of activity and its highly qualified personnel composed by technicians, marine engineers, naval architects etc., enables the Company to offer the most complete and efficient technical and commercial assistance.

Moreover, the products stocked in its large warehouse allows it to promptly satisfy any kind of enquiry, while its workshop is able to manufacture all types of packings and gaskets comprising the moulding of rubber and elastomer of various types, including silicon, Fluoropolymer, Polyurethane, etc.

Since February 2004, Monti & Barabino S.p.A. improved its Quality Management System in accordance with **UNI EN ISO 9001** regulations, obtaining the certification through **R.I.N.A.** This prestigious acknowledgement is a confirmation of our constant effort in offering excellent quality and service to all those Customers who have chosen and will choose our Company as their supplier.



Our workshop, acting as  Official distributor, is able to offer:

- FLEXIBLE HOSES FOR LOW, MEDIUM AND VERY HIGH PRESSURE
- MED APPROVED FLEXIBLE HOSES
- TYPE APPROVED SHIP TO SHORE AND INDUSTRIAL COMPOSITE HOSES
- HIGH PRESSURE STEAM HOSES
- HIGH PRESSURE CLEANING HOSES
- RUBBER, STAINLESS STEEL AND TEXTILE EXPANSION JOINTS

Moreover:

- HYDRAULIC TEST FACILITIES
- MANAGEMENT OF TESTING PROCEDURES IN PRESENCE OF CLASSIFICATION BODIES
- PRESSED FITTINGS ON LARGE BORE RUBBER HOSES UP TO 10"

MECHANICAL WORKSHOP and **PIPE WORKSHOP** are available for the execution of customized processes on our semi-finished products. Thanks to the wide availability of **WAREHOUSE** we are able to satisfy your needs in a short time, organizing and managing your shipments in a very short time.

We perform CNC turning and cutting on rubber and metal semi-finished products; we mold details and rubber gaskets.



We produce gaskets in any material, even according to Customer's design, including padded copper and spiral wound gaskets.

We sew and assemble insulating mats and textile joints: wide choice of fabrics for high temperatures.



Laser marking of finished products and components

We are an authorized **Parker** assembling center, hydraulic hoses up to 3" and industrial hoses up to 10".
Ask for our **FLEXIBLE HOSES** and **ACCESSORIES CATALOG**



Approved welders able to manufacture special fittings according to Customer's specifications.

We perform internal hydrostatic tests, also in the presence of an external Certifying Body.



SPONGE RUBBER

DESCRIPTION AND APPLICATIONS

EPDM-based closed-cell rubber profile suitable for sealing gaskets for watertight doors.

<i>Technical features</i>	<i>Spec</i>	<i>Units of measure</i>	<i>Tolerances</i>	<i>Value</i>
Density	ASTM D 3575-8	g/cm ³	+/- 0,05	0,35
Compression Set after 24h (50%)	ASTM D 1056	%	Max	15
Compression Deflection (25%)	ASTM D 1056	MPa	Max	0,1

CHEMICAL AND PHYSICAL RESISTANCE

Hot air up to 100°C	Good
Flame	Fail
Weathering	Excellent
Ozone	Good
Low temperature stiffening	Sufficient
Low temperature embrittlement	Good
Aliphatic hydrocarbons / mineral oils	Fail
Animal and / or vegetal oils	Sufficient
Aromatic hydrocarbons	Fail
Chlorinated solvents	Fail
Chetons	Sufficient
Acid or basic solutions	Sufficient
Water	Good
Dielectric properties	Fail
Working temperature	- 35 / + 110°C
Color	Black

The reported values are for guidance purposes only and are issued in order to provide a guideline for product selection. They could be changed without notice or / and any commitment by the Company.

AA120 - SBR BLACK RUBBER

DESCRIPTION & APPLICATIONS

Multipurpose economic sheet based on SBR rubber. Suitable to be used in presence of fresh and sea water, air.

<i>Technical features</i>	<i>Spec.</i>	<i>Units of measure</i>	<i>Tolerances</i>	<i>Values</i>
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	70
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	1,65
Tensile Strenght	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	3
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	200
Tear Strenght	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	15
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max	

Ageing Air 72 h - 70°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+5
	Tensile Strenght		%	Max	-20
	Elongation		%	Max	-30
Ageing Water 72 h - 50°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-6
	Volume		%	Max	+5
Min. and Max Working Temperatures IN AIR			°C		+70 / -20
Min. and Max Working Temperatures IN WATER			°C		+70
Color			Black		

NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm
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AA113 - SBR BLACK RUBBER

DESCRIPTION & APPLICATIONS

Multipurpose economic sheet based on SBR rubber. Suitable to be used in presence of fresh and sea water, air. Textile insertion reinforcement.

Technical features	Spec.	Units of measure	Tolerances	Values
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	70
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	1,65
Tensile Strenght	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	3
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	200
Tear Strenght	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	15
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max	

Ageing Air 72 h - 70°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+5
	Tensile Strenght		%	Max	-20
	Elongation		%	Max	-30
Ageing Water 72 h - 50°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-6
	Volume		%	Max	+5
Min. and Max Working Temperatures IN AIR			°C		+70 / -20
Min. and Max Working Temperatures IN WATER			°C		+70
Color			Black		

NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm
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AA120/1012 - SBR BLACK RUBBER

DESCRIPTION & APPLICATIONS

Very hard sheet based on SBR rubber with moderate mechanical properties.

Technical features	Spec.	Units of measure	Tolerances	Values
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	82
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	+/- 0,03	1,63
Tensile Strenght	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	5
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	250
Tear Strenght	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	20
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max	

Ageing Air 72 h - 70°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+6
	Tensile Strenght		%	Max	-20
	Elongation		%	Max	-30
Ageing Water 72 h - 50°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-5
	Volume		%	Max	+5
Min. and Max Working Temperatures IN AIR			°C		+70 / -20
Min. and Max Working Temperatures IN WATER			°C		+70
Color			Black		

NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm
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AA55 - EPDM BLACK RUBBER

DESCRIPTION & APPLICATIONS

Sheet based on EPDM (Ethylene - Propylene Rubber) with good resistance to atmospheric agent and ozone. Good mechanical properties.

Technical features		Spec.	Units of measure	Tolerances	Values
Hardness		UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	60
Specific Gravity		UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	1,26
Tensile Strenght		UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	7,0
Elongation At Break		UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	400
Tear Strenght		UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	20
Resistenza alla abrasione		UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max	
Ageing AIR 72 h - 100°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+8
	Tensile Strenght		%	Max	-20
	Elongation		%	Max	-40
Ageing WATER 72 h - 100°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-5
	Volume		%	Max	+5
Min. and Max Working Temperatures IN AIR			°C		+100 / -25
Min. and Max Working Temperatures IN WATER			°C		+90
Color			Black		
NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm				

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AA125C - NBR BLACK RUBBER

DESCRIPTION & APPLICATIONS

Sheet based on NBR (Nitrile Rubber) with good Oil and Fuel resistance and with good mechanical properties. Maximum working temperature 100°C.

Technical features	Spec.	Units of measure	Tolerances	Values
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	72
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	1,4
Tensile Strength	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	10
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	320
Tear Strength	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	35
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max	

Ageing ASTM 3 Olio 72 h - 100°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	-8
	Volume		%	Max	+10
Ageing Carburante 72 h - 23°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-20
	Volume		%	Max	+30
Min. and Max Working Temperatures IN AIR			°C		+100 / -15
Min. and Max Working Temperatures IN WATER			°C		+90
Min. and Max Working Temperatures IN OIL			°C		+100
Color			Black		

NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm
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AA125N - CR/SBR BLACK RUBBER

DESCRIPTION & APPLICATIONS

Sheet based on CR (Polychloroprene rubber) and SBR rubber with good resistance to oils at room temperature and to atmospheric agent. Good mechanical properties.

<i>Technical features</i>	<i>Spec.</i>	<i>Units of measure</i>	<i>Tolerances</i>	<i>Values</i>	
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	65	
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	1,48	
Tensile Strenght	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	9	
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	300	
Tear Strenght	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	25	
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max		
Ageing Air 72 h - 70°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+7
	Tensile Strenght		%	Max	-10
	Elongation		%	Max	-20
Ageing Water 72 h - 70°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-7
	Volume		%	Max	+7
Min. and Max Working Temperatures IN AIR		°C		+90 / -20	
Min. and Max Working Temperatures IN oil		°C		+20	
Min. and Max Working Temperatures IN WATER		°C		+70	
Color		Black			
NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm				

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AA125S - NBR/SBR BLACK RUBBER

DESCRIPTION & APPLICATIONS

Sheet based on NBR (Nitrile Rubber) and SBR rubber with good Oil Resistance at room temperature with moderate mechanical properties.

<i>Technical features</i>	<i>Spec.</i>	<i>Units of measure</i>	<i>Tolerances</i>	<i>Values</i>	
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	70	
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	1,55	
Tensile Strenght	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	+5	
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	250	
Tear Strenght	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	15	
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max		
Ageing ASTM 1 72 h - 23°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+3
	Volume		%	Max	-3
Ageing ASTM 3 72 h - 23°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-7
	Volume		%	Max	+7
Min. and Max Working Temperatures IN AIR		°C		+70 / -20	
Min. and Max Working Temperatures IN WATER		°C		+20	
Min. and Max Working Temperatures IN OIL		°C		+80	
Color		Black			
NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm				

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AA306 - NBR WHITE RUBBER

DESCRIPTION & APPLICATIONS

Sheet based on NBR white rubber. Suitable for contact with food and oils.

Technical features	Spec.	Units of measure	Tolerances	Values
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	60
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	1,3
Tensile Strenght	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	9
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	400
Tear Strenght	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	22
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max	

Ageing Air 72 h - 100°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+8
	Tensile Strenght		%	Max	-20
	Elongation		%	Max	-40
Ageing Water 72 h - 100°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-8
	Volume		%	Max	+10
Min. and Max Working Temperatures IN AIR			°C		+100 / -20
Min. and Max Working Temperatures IN OIL			°C		+100
Min. and Max Working Temperatures IN WATER			°C		+90
Color			White		

NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm
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PARA 36TD - NATURAL RUBBER

DESCRIPTION & APPLICATIONS

Clear coloured semitransparent sheet based on NR (Natural Rubber) with excellent mechanical properties. Endowed with very good elasticity and softness. Low specific gravity (it keeps afloat in the water).

Technical features	Spec.	Units of measure	Tolerances	Values	
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	40	
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	0,97	
Tensile Strenght	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	20	
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	550	
Tear Strenght	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	40	
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max		
Ageing Air 72 h - 70°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+3
	Tensile Strenght		%	Max	-40
	Elongation		%	Max	-40
Ageing Water 72 h - 50°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-3
	Volume		%	Max	+3
Min. and Max Working Temperatures IN AIR		°C		+70 / -35	
Min. and Max Working Temperatures IN WATER		°C		+70	
Color		Light Brown			
NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm				

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RED SILICONE 60

DESCRIPTION & APPLICATIONS

Sheet based on VMQ (Silicone rubber) with excellent resistance to high and low temperatures. Highly resistant to atmospheric agents and ozone, good resistance to oxidizing agents and to liquid residue.

Technical features	Spec.	Units of measure	Tolerances	Values	
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	60	
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	1,28	
Tensile Strenght	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	5	
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	300	
Tear Strenght	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	10	
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max		
Ageing Air 72 h - 70°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+10
	Tensile Strenght		%	Max	-15
	Elongation		%	Max	-30
Ageing Water 72 h - 70°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	
	Volume		%	Max	
Min. and Max Working Temperatures IN AIR		°C		+180 / -50	
Min. and Max Working Temperatures IN oil		°C		no	
Min. and Max Working Temperatures IN WATER		°C		+100	
Color		Red			
NOTE	1 MPa= 10,2 Kg/cm ² 1 N/mm= 1,02 Kg/cm				

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FLUOROPOLYMER

DESCRIPTION & APPLICATIONS

Sheet based on FKM (Fluorinated rubber) with excellent resistance to high temperatures. Highly resistant to oils, fuels and ozone. Good mechanical properties.

Technical features	Spec.	Units of measure	Tolerances	Values
Hardness	UNI 4916 ASTM D2240 DIN 53505 AFNOR 46-0562	Shore A	+/- 5	75
Specific Gravity	UNI 7092 ASTM D792 DIN 53479 AFNOR 46-030	g/cm ³	0,03	1,9
Tensile Strenght	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	MPa	Min	7
Elongation At Break	UNI 6065 ASTM D412 DIN 53504 AFNOR 46-002	%	Min	270
Tear Strenght	UNI 4914C ASTM D624 DIN 53515 AFNOR 46-007	N/mm	Min	20
Abrasion Resistance	UNI 9185 ISO 4649 DIN 53515 AFNOR 46-012	mm ³	Max	

Ageing Air 72 h - 70°C	Hardness	UNI ISO 188 ASTM D573 DIN 53508 AFNOR 46-004	Shore A	Max	+3
	Tensile Strenght		%	Max	-10
	Elongation		%	Max	-20
Ageing Water 72 h - 70°C	Hardness	UNI 8313/2° ASTM D471 DIN 53521 AFNOR 46-013	Shore A	Max	-10
	Volume		%	Max	+10
Min. and Max Working Temperatures IN AIR			°C		+200 / -10
Min. and Max Working Temperatures IN oil			°C		+150
Min. and Max Working Temperatures IN WATER			°C		+100
Color			Black		

NOTE 1 MPa= 10,2 Kg/cm² 1 N/mm= 1,02 Kg/cm

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KARPRENE

GENERALITY

KARPRENE is a synthetic elastomer belonging to the group of polyurethanes. The particular formulation of the blend provides the finished product higher chemical-physical and mechanical characteristics if compared with rubber. **KARPRENE** is also suitable for technical applications where a high-performance elastomer is required. **KARPRENE** can be supplied in slabs, rods, sleeves, shaped parts made upon request and as a coating on metal pieces.



FEATURES

<i>Abrasion resistance</i>	Eight times higher than the conventional elastomers.
<i>Friction coefficient</i>	Particularly low even in the absence of self-lubrication.
<i>Impact resistance</i>	Higher than plastic materials, particularly at low temperatures.

KARPRENE FDA

GENERALITY

KARPRENE FDA is a synthetic elastomer belonging to the group of polyurethanes. The particular formulation of the blend provides the finished product higher chemical-physical and mechanical characteristics if compared with rubber. **KARPRENE** is also suitable for technical applications where a high-performance elastomer is required.

KARPRENE FDA is in compliance with:
D.M. 21/03/1973, CE 1935/2004 regulation, FDA parameters.



FEATURES

Hardness	from 60 to 94 Sh A
Working Temperature	from -20°C to +90°C
Color	Neutral
Mechanical properties	Excellent abrasion resistance, low friction coefficient and excellent resistance to impact and compression.

HARDNESS Sh A	60	70	75	80	90	94
Module 100% (MPa)	1,5	2,7	2,7	4,7	7,3	9,9
Module 300% (MPa)	1,6	5,0	5,3	8,8	12,5	18,3
Breaking point (MPa)	12,0	32,8	41,1	49,5	48,4	46,3
Elongation at break (%)	693	523	517	530	503	503
Tearing resistance (KN/m)	11,5	14,0	14,3	19,2	24,5	36,7

DIELECTRIC MAT

GENERALITY

It is a special carpet, made in NR-SBR rubber, specifically designed to electrically insulate electric board floor, according to **Regulation VDE 0303-21:1999 part 2**, to insulate at **17,30,50 KV voltage**. Grey colour with non-skid stepping side, grated or lined shape, under-layer in textile yarn, with conformity marking strip.



APPLICATIONS

Insulation of electric cabins, working areas nearby electric boards and specifically wherever an high electric insulation is required, in the Naval and Industrial field.

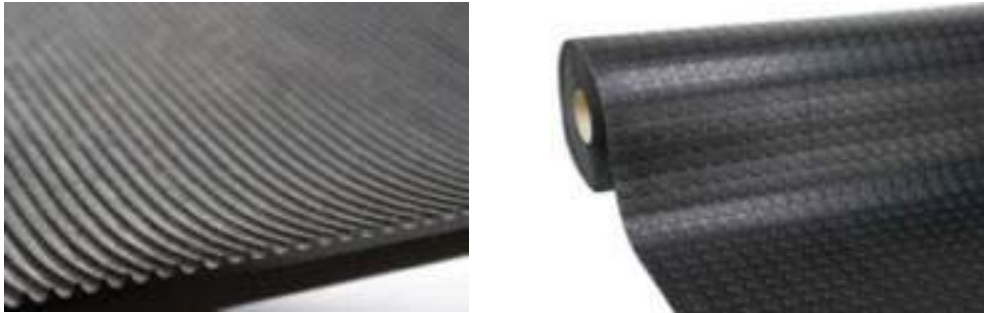
CODE	Lower surface	Upper surface	Colour	Thickness mm	Size mt	Weight kg/mq	Test voltage
3401.3057	Textile yarn	Lined	Grey	3	1x10	4,9	17 kV
3401.3057/1	Textile yarn	Lined	Grey	4,5	1x10	7,3	36 kV
Upon request	Textile yarn	Grated	Grey	4	1,2x10	6,5	50 kV

- **Mass resistivity according to DIN 53482:** $> 10^{12} \Omega/\text{cm}$
- **Surface resistivity according to DIN 53482:** $> 10^{12} \Omega$

RUBBER MATS

GENERALITY

SBR rubber mat suitable for general use Available in stud or ribbed version, it is suitable for use indoors where no special mechanical properties are required.



APPLICATIONS

Used as anti slip surface for industrial floors and general surfaces.

Code	Surface	Color	Thickness mm	H mt	L mt	Weight kg/mq
3401.2420	stud	black	3,3	1,2	10	4,7
3401.1000	ribbed		3	1		3,9

Features	Units of measure	Value
Hardness	Shore A	70 +/-5
Specific Gravity	g/cm ³	1,35
Tensile Strenght	MPa	3
Elongation at break	%	150
Abrasion resistance	mm ³	300
Working Temperature	°C	-20 / +70



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