AMO Rubber®

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Pasirsari Cikarang Selatan - Kab. Bekasi - Jawa Barat - Indonesia 17530

www.amo-rubber.com

Welcome

AMO Rubber
has established in Bekasi, Indonesia Since 2017. From a international trading company, Our manufacturing are located in Hebei-northern part of China. We have started our operation in year 2017, Our facilities include 2 units of Calendaring machines and 4 units of Roto cure machines with continuous vulcanized rubber sheets. To increase our competiveness, We also have high-end Compress Vulcanized machine.

We are one of the world's top leaders in manufacturing high-grade rubber sheets and products for varied purposes and application, which are widely used in Automotive industry, Aerospace industry, Oil & Gas industry, Heavy duty industry, Energy Utilities Power Plant, Mining industry, Cement industry, Food Beverage Plant, Marine industry, Flat Glass industry and Chemical industry. Our product formulations based on the following polymer. NBR, EPDM, CR/NEOPRENE, VITON, NR, HYPALON, PURE GUM SHEETING, BUTLY, ESD Rubber and SILICON. All the products are complying with SGS, FDA, PAK, REACH & RoHs as per request by customer. The range of sheets manufactured by us include with or without fabric insert, black or colored, smooth surface or fabric impression on one or both sides.

Everyone in our R&D expert team has have minimum 20 years of experiences. With our breadth of understanding and knowledge in rubber materials, thus, we are able to assist with almost any applications from initial design to final delivery.

AMO Rubber®

MATERIAL SPECIFICATIONS

ETHYLENE PROPYLENE DIENE RUBBER (EPDM)

(AEP65060150)

EPDM (Ethylene Propylene Diene Monomer) rubber is a type of synthetic rubber, this elastomer is widely use in most of the outdoor application and for chemical and high temperature resistant application. EPDM also exhibits outstanding resistance to Ozone, Steam and also an electrical insulator. EPDM rubber is widely use as roofing membranes, since it does not pollute the run off rain water, this EPDM rubber sheet is also use in rainwater harvesting. EPDM rubber sheet are also use as geomembranes, rubber mechanical goods, impact modification, seals for solar panel, hose vibrators and pond liners. EPDM rubber sheet is resistant to aging, water, abrasion, UV and ozone, which makes it perfect material to use under exposed environment. They are highly recommended at areas where surface is exposed to weather, sunlight, heat, ozone or gasses. EPDM rubber sheet is also ideal for use in water and is often considered the material of choice for potable water applications.

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 2000 mm
- Length : 10 m
- Thickness : From 1 mm to 50 mm
- Standard Color : Black
- Work Temperature : -25 ℃ - +70 ℃

APPLICATIONS

- Window Seals
- Automobile Beading
- Gasket and Seals
- Low Pressure Pipe Seals
- Weather Strips

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.50	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	6	Mpa
Elongation	ASTM D-412	250	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	30	%

WORKING TEMPERATURE	MIN	MAX
In Air	-25 ℃	+70 ℃
In Oil		
In Water		+70 ℃

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆

AMO Rubber®

MATERIAL SPECIFICATIONS

ETHYLENE PROPYLENE DIENE RUBBER (EPDM)

(AEP65040140)

EPDM (Ethylene Propylene Diene Monomer) rubber is a type of synthetic rubber, this elastomer is widely use in most of the outdoor application and for chemical and high temperature resistant application. EPDM also exhibits outstanding resistance to Ozone, Steam and also an electrical insulator. EPDM rubber is widely use as roofing membranes, since it does not pollute the run off rain water, this EPDM rubber sheet is also use in rainwater harvesting. EPDM rubber sheet are also use as geomembranes, rubber mechanical goods, impact modification, seals for solar panel, hose vibrators and pond liners. EPDM rubber sheet is resistant to aging, water, abrasion, UV and ozone, which makes it perfect material to use under exposed environment. They are highly recommended at areas where surface is exposed to weather, sunlight, heat, ozone or gasses. EPDM rubber sheet is also ideal for use in water and is often considered the material of choice for potable water applications.

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 2000 mm
- Length : 10 m
- Thickness : From 1 mm to 50 mm
- Standard Color : Black
- Work Temperature : -25 ℃ - +100 ℃

APPLICATIONS

- Window Seals
- Automobile Beading
- Gasket and Seals
- Low Pressure Pipe Seals
- Weather Strips

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.40	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	4	Mpa
Elongation	ASTM D-412	200	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	40	%

WORKING TEMPERATURE	MIN	MAX
In Air	-25 ℃	+100 ℃
In Oil		
In Water		+100 ℃

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆

AMO Rubber®

MATERIAL SPECIFICATIONS

ETHYLENE PROPYLENE DIENE RUBBER (EPDM)

(AEP60070140B-FR) (FLAME RETARDANT)

EPDM (Ethylene Propylene Diene Monomer) rubber is a type of synthetic rubber, this elastomer is widely use in most of the outdoor application and for chemical and high temperature resistant application. EPDM also exhibits outstanding resistance to Ozone, Steam and also an electrical insulator. EPDM rubber is widely use as roofing membranes, since it does not pollute the run off rain water, this EPDM rubber sheet is also use in rainwater harvesting. EPDM rubber sheet are also use as geomembranes, rubber mechanical goods, impact modification, seals for solar panel, hose vibrators and pond liners. EPDM rubber sheet is resistant to aging, water, abrasion, UV and ozone, which makes it perfect material to use under exposed environment. They are highly recommended at areas where surface is exposed to weather, sunlight, heat, ozone or gasses. EPDM rubber sheet is also ideal for use in water and is often considered the material of choice for potable water applications.

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 1200 mm
- Length : 10 m
- Thickness : From 1 mm to 10 mm
- Standard Color : Black
- Work Temperature : -25 ℃ - +120 ℃

APPLICATIONS

- Window Seals
- Automobile Beading
- Gasket and Seals
- Low Pressure Pipe Seals
- Weather Strips

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.40	g/cm³
Hardness	ASTM D2240	60 +/-5	Shore A
Tensile Strength	ASTM D-412	7	Mpa
Elongation	ASTM D-412	300	%
Tear Strength	ASTM D-624	18	Kgf/cm
Flame Retardant	UL94 V-0	10	Sec
Compression Set (22 Hours at 70 °C)	ASTM D-395	35	%

WORKING TEMPERATURE	MIN	MAX
In Air	-25 ℃	+120 ℃
In Oil		
In Water		+120 ℃

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

ETHYLENE PROPYLENE DIENE RUBBER (EPDM)

(AEP65050150W)

EPDM (Ethylene Propylene Diene Monomer) rubber is a type of synthetic rubber, this elastomer is widely use in most of the outdoor application and for chemical and high temperature resistant application. EPDM also exhibits outstanding resistance to Ozone, Steam and also an electrical insulator. EPDM rubber is widely use as roofing membranes, since it does not pollute the run off rain water, this EPDM rubber sheet is also use in rainwater harvesting. EPDM rubber sheet are also use as geomembranes, rubber mechanical goods, impact modification, seals for solar panel, hose vibrators and pond liners. EPDM rubber sheet is resistant to aging, water, abrasion, UV and ozone, which makes it perfect material to use under exposed environment. They are highly recommended at areas where surface is exposed to weather, sunlight, heat, ozone or gasses. EPDM rubber sheet is also ideal for use in water and is often considered the material of choice for potable water applications.

FEATURES

- Standard Width : 1200 mm
- Width Range : 100 mm – 1200 mm
- Length : 10 m
- Thickness : From 1 mm to 10 mm
- Standard Color : White
- Work Temperature : -25 ℃ - +100 ℃

APPLICATIONS

- Window Seals
- Automobile Beading
- Gasket and Seals
- Low Pressure Pipe Seals
- Weather Strips

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.50	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	5	Mpa
Elongation	ASTM D-412	300	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	40	%

WORKING TEMPERATURE	MIN	MAX
In Air	-25 ℃	+100 ℃
In Oil		
In Water		+100 ℃

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

NITRILE BUTADIENE RUBBER (NBR)

(ANB65040140)

Nitrile rubber know as NBR, Buna-N and acrylonitrile butadiene rubber is s synthetic rubber copolymer elastomer. NBR rubber are widely use in automotive and aeronautical industry to make fuel and oil seals, self-sealing fuel tanks lining. NBR ability to withstand range of temperatures from -20 to +110 Celsius make it an ideal material for aeronautical applications. NBR rubber sheet is a nitrile base rubber sheet, providing excellent resistance to petroleum oils as well as mineral and vegetable oils. NBR rubber material is used in applications involving not only oil and fuel resistance but also those applications requiring resistance to heat, abrasion, water and gas permeability. It is resistant to weathering, sunlight and ozone. From oil rigs to bowling alleys, nitrile rubber can be the right material for your applications.

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 2000 mm
- Length : 10 m
- Thickness : From 1 mm to 50 mm
- Standard Color : Black
- Work Temperature : -20 °C - +85 °C

APPLICATIONS

- Carburettor and fuel pump diaphragms
- Chemical container lining
- Gasket and Seals
- Aircraft hoses

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.40	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	4	Mpa
Elongation	ASTM D-412	200	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	40	%

WORKING TEMPERATURE	MIN	MAX
In Air	-20 °C	+85 °C
In Oil		+80 °C
In Water		+85 °C

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

NITRILE BUTADIENE RUBBER (NBR)

(ANB65050150w)

Nitrile rubber know as NBR, Buna-N and acrylonitrile butadiene rubber is s synthetic rubber copolymer elastomer. NBR rubber are widely use in automotive and aeronautical industry to make fuel and oil seals, self-sealing fuel tanks lining. NBR ability to withstand range of temperatures from -20 to +110 Celsius make it an ideal material for aeronautical applications. NBR rubber sheet is a nitrile base rubber sheet, providing excellent resistance to petroleum oils as well as mineral and vegetable oils. NBR rubber material is used in applications involving not only oil and fuel resistance but also those applications requiring resistance to heat, abrasion, water and gas permeability. It is resistant to weathering, sunlight and ozone. From oil rigs to bowling alleys, nitrile rubber can be the right material for your applications.

FEATURES

- Standard Width : 1200 mm
- Width Range : 100 mm – 1200 mm
- Length : 10 m
- Thickness : From 1 mm to 10 mm
- Standard Color : White
- Work Temperature : -25 °C - +105 °C

APPLICATIONS

- Carburettor and fuel pump diaphragms
- Chemical container lining
- Gasket and Seals
- Aircraft hoses

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.50	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	5	Mpa
Elongation	ASTM D-412	300	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	35	%

WORKING TEMPERATURE	MIN	MAX
In Air	-25 °C	+105 °C
In Oil		+ 95 °C
In Water		+105 °C

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

NEOPRENE RUBBER (CR)

(ANE65040140)

CR rubber (Chloroprene) is the common name for the organic compound, this synthetic rubber sheet is better know to the public as Neoprene. Neoprene rubber exhibits good chemical stability and maintains flexibility over a wide temperature range. Neoprene resistance of degradation is better than natural rubber sheet or any other synthetic rubber sheet. This make is very suitable for demanding application such as gasket, hoses, corrosion resistant lining. It is resists to burning better than other synthetic hydrocarbon based rubbers. Resulting in it appearance in weather stripping for fire doors, electrical control box and transformer. Neoprene is used in every bearing base in civil engineering especially for bridge construction. Neoprene rubber sheet is an all purposes elastomer with an extremely versatile synthetic rubber used in every industries applications. Neoprene rubber sheet excellent on resists to degradation from sun, ozone and weather, performs well in contact with oils and chemicals. Neoprene rubber maintains its strength, flexibility, twisting and elongation very well over a wide temperature range while having outstanding physical toughness.

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 2000 mm
- Length : 10 m
- Thickness : From 1 mm to 50 mm
- Standard Color : Black
- Work Temperature : -30 °C - +90 °C

APPLICATIONS

- Internal Rubber Lining Water Piping System
- Chemical container lining
- Gasket and Seals

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.40	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	4	Mpa
Elongation	ASTM D-412	200	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	40	%

WORKING TEMPERATURE	MIN	MAX
In Air	-30 °C	+90 °C
In Oil		
In Water		+90 °C

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

NEOPRENE RUBBER (CR)

(ANE65050150w)

CR rubber (Chloroprene) is the common name for the organic compound, this synthetic rubber sheet is better know to the public as Neoprene. Neoprene rubber exhibits good chemical stability and maintains flexibility over a wide temperature range. Neoprene resistance of degradation is better than natural rubber sheet or any other synthetic rubber sheet. This make is very suitable for demanding application such as gasket, hoses, corrosion resistant lining. It is resists to burning better than other synthetic hydrocarbon based rubbers. Resulting in it appearance in weather stripping for fire doors, electrical control box and transformer. Neoprene is used in every bearing base in civil engineering especially for bridge construction. Neoprene rubber sheet is an all purposes elastomer with an extremely versatile synthetic rubber used in every industries applications. Neoprene rubber sheet excellent on resists to degradation from sun, ozone and weather, performs well in contact with oils and chemicals. Neoprene rubber maintains its strength, flexibility, twisting and elongation very well over a wide temperature range while having outstanding physical toughness.

FEATURES

- Standard Width : 1200 mm
- Width Range : 100 mm – 1200 mm
- Length : 10 m
- Thickness : From 1 mm to 10 mm
- Standard Color : White
- Work Temperature : -25 °C - +110 °C

APPLICATIONS

- Internal Rubber Lining Water Piping System
- Chemical container lining
- Gasket and Seals

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.50	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	5	Mpa
Elongation	ASTM D-412	300	%
Tear Strength	ASTM D-624	25	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	35	%

WORKING TEMPERATURE	MIN	MAX
In Air	-25 °C	+110 °C
In Oil		
In Water		+110 °C

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

NATURAL RUBBER (NR)

(ANR65040140)

Natural rubber (NR) high abrasion rubber sheet further enhanced physical property of natural rubber for abrasion resistant, this high abrasion rubber sheet are excellent used in applications where excessive cuts, abrasion or wear & tear occur. Great impact resistance that used as cushioning resistance in matting applications. It's resistance to chemical make it perfect rubber lining for chemical tank.

Specially designed for applications where high abrasion resistance is required, compounded from premium natural rubber for better abrasion, impact and corrosion resistance. Pure natural rubber exhibits high strength, elasticity, excellent cut and tear resistance, resulting in outstanding performance in heavy wear and abrasion environments like the mining & quarry industries.

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 1500 mm
- Length : 10 m
- Thickness : From 1 mm to 50 mm
- Standard Color : Black
- Work Temperature : +80 °C

APPLICATIONS

- Tank Lining
- Water Piping Lining
- Skirt Board
- Chute Lining
- Valve Liner
- Pump Liner

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.40	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	4	Mpa
Elongation	ASTM D-412	200	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	40	%

WORKING TEMPERATURE	MIN	MAX
In Air	-30 °C	+70 °C
In Oil		
In Water		+80 °C

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

NATURAL RUBBER (NR) FDA

(AFNR65050150W)

Natural rubber (NR) FDA made from FDA Approved material

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 1500 mm
- Length : 10 m
- Thickness : From 1 mm to 50 mm
- Standard Color : White
- Work Temperature : +90 °C

APPLICATIONS

- Food Processing
- Food Packaging
- Bakery Industry
- Gasket & other various type

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.40	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	4	Mpa
Elongation	ASTM D-412	350	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	40	%

WORKING TEMPERATURE	MIN	MAX
In Air	-30 °C	+70 °C
In Oil		
In Water		+90 °C

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

NATURAL RUBBER (NR)

(ANR40050150)

Natural rubber (NR) high abrasion rubber sheet further enhanced physical property of natural rubber for abrasion resistant, this high abrasion rubber sheet are excellent used in applications where excessive cuts, abrasion or wear & tear occur. Great impact resistance that used as cushioning resistance in matting applications. It's resistance to chemical make it perfect rubber lining for chemical tank.

Specially designed for applications where high abrasion resistance is required, compounded from premium natural rubber for better abrasion, impact and corrosion resistance. Pure natural rubber exhibits high strength, elasticity, excellent cut and tear resistance, resulting in outstanding performance in heavy wear and abrasion environments like the mining & quarry industries.

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 1500 mm
- Length : 10 m
- Thickness : From 1 mm to 50 mm
- Standard Color : Black
- Work Temperature : +80 °C

APPLICATIONS

- Tank Lining
- Water Piping Lining
- Skirt Board
- Chute Lining
- Valve Liner
- Pump Liner

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.50	g/cm³
Hardness	ASTM D2240	40 +/-5	Shore A
Tensile Strength	ASTM D-412	5	Mpa
Elongation	ASTM D-412	250	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	40	%

WORKING TEMPERATURE	MIN	MAX
In Air	-30 °C	+70 °C
In Oil		
In Water		+80 °C

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

STYRENE BUTADIENE RUBBER (SBR)

(ASB65030150)

Styrene Butadiene rubber, commonly know as SBR, the most important sort of synthetic rubber, is a highly random copolymer of butadiene and 10 to 25 percent styrene. It is used in great quantities in automobile and truck tires, generally as an abrasion- resistant replacement for natural rubber.

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 1500 mm
- Length : 10 m
- Thickness : From 1 mm to 50 mm
- Standard Color : Black
- Work Temperature : +90 °C

APPLICATIONS

- Automobile
- Truck tires
- Floor Mat
- Seals
- Gasket
- Fabrication

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.50	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	3	Mpa
Elongation	ASTM D-412	180	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 °C)	ASTM D-395	20	%

WORKING TEMPERATURE	MIN	MAX
In Air	-20 °C	+90 °C
In Oil		
In Water		+90 °C

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

STYRENE BUTADIENE RUBBER (SBR)

(ASB65018170)

Styrene Butadiene rubber, commonly know as SBR, the most important sort of synthetic rubber, is a highly random copolymer of butadiene and 10 to 25 percent styrene. It is used in great quantities in automobile and truck tires, generally as an abrasion- resistant replacement for natural rubber.

FEATURES

- Standard Width : 1000 mm
- Width Range : 100 mm – 1500 mm
- Length : 10 m
- Thickness : From 1 mm to 50 mm
- Standard Color : Black
- Work Temperature : +90 ℃

APPLICATIONS

- Automobile
- Truck tires
- Floor Mat
- Seals
- Gasket
- Fabrication

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.70	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	1.8	Mpa
Elongation	ASTM D-412	130	%
Tear Strength	ASTM D-624	20	Kgf/cm
Compression Set (22 Hours at 70 ℃)	ASTM D-395	20	%

WORKING TEMPERATURE	MIN	MAX
In Air	-20 ℃	+90 ℃
In Oil		
In Water		+90 ℃

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
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AMO Rubber®

MATERIAL SPECIFICATIONS

INSULATION RUBBER SHEET

(AEIS65040150)

Insulation Rubber Sheet can be used in any type of industry where there is an electric shop and safety of technicians in danger. Insulation Rubber Sheet are divided into different classes depending upon Voltage Ratings. The different classes varies in terms of Thickness Voltage Grade, Proof Voltage & their break down voltage. Insulation Rubber Sheet for electrical purpose has different used in various applications like as Power Plant, High Voltage Panels, Substation, HT and LT Lads and Power Transmission Room.

FEATURES

- Standard Width : 1000 mm
- Width Range : 1000 mm – 1200 mm
- Length : 10 m
- Thickness : From 6 mm to 12 mm
- Standard Color : Black
- Work Temperature : +90 ℃

APPLICATIONS

- Power Plant
- High Voltage Panel
- Substation
- HT & LT Labs
- Power Transmission Room

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	1.50	g/cm³
Hardness	ASTM D2240	65 +/-5	Shore A
Tensile Strength	ASTM D-412	4	Mpa
Elongation	ASTM D-412	150	%
Voltage Class	ASTM D-4063	35	Kv

WORKING TEMPERATURE	MIN	MAX
In Air	-25 ℃	+90 ℃
In Oil		
In Water		+90 ℃

MAIN CHARACTERISTICS

ELASTICITY	COMPRESSION	ABRASION	FLAME	FUELS	OZONE
☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆	☆☆☆☆

MATERIAL SPECIFICATIONS

ESD RUBBER MAT (ESD)

(ESDG65040150)

ESD Rubber Mat is designed to harmlessly release charge from human body and ESD components and equipment. The conductive surface of ESD rubber mat can maintain the equipotent among human body, equipment and tools to protect the static sensitive and components from damages cause by static charge. It can be paved on the working table, storage rack and floor, widely used in the workshop and advanced laboratories for microelectronic industries such as semiconductor device, electronic computer, integrated circuits, communication equipment, and etc.

Our ESD Rubber Mat is an exceptional 2-layer table mat composed of anti-static rubber on top and a natural rubber on the bottom. The static dissipative top layer is backed by a conductive bottom layer for outstanding electrical properties. The special features of the material are going through roto cure process, which result in the following properties.

FEATURES

- Standard Width : 1000 mm
- Width Range : 1000 mm – 1200 mm
- Length : 10 m
- Thickness : 2 mm
- Top Layer Surface : Anti-Static
- Top Layer Color : Light & Dark Green
- Bottom Layer Surface : NR
- Bottom Layer Color : Black

APPLICATIONS

- Floor
- Storage Rack
- Electronic Computer
- Semiconductor Device
- Working Table
- Integrated Circuits
- Microelectronic

SPECIFICATION	TOP LAYER SURFACE	BOTTOM LAYER SURFACE
Specific Gravity	1.20 g/cm³	1.50 g/cm³
Hardness	70 +/-5 Shore A	65 +/-5 Shore A
Tensile Strength	12 Mpa	4 Mpa
Elongation	400%	200%
Resistively	10^7 – 10^9 ohms	10^3 – 10^5 ohms
Electrostatic Pressure	0.1 sec	
Thickness	0.5 mm	1.5 mm

WORKING TEMPERATURE	MIN	MAX
In Air	-35 °C	+100 °C
In Oil		+100 °C
In Water		+100 °C

MATERIAL SPECIFICATIONS

PTFE SHEET (PTFE)

It is a PTFE sheet excellent in heat resistance, chemical resistance, acid resistance, alkali resistance, and electrical insulation. You can use it by processing it into various shapes according to various uses.

FEATURES

- Standard Width : 1200mm
- Width Range : 100mm – 1200mm
- Length : 10m
- Thickness : From 0.5mm to 6mm
- Standard Color : White/Black
- Work Temperature : -190 - +250 ℃

APPLICATIONS

- Oil Sealing
- Electrical Insulating
- Research Instrument
- Welded Chemical Container
- Mechanical Parts
- Gasket

SPECIFICATION	TEST METHOD	TEST RESULT	UNIT
Specific Gravity	ASTM D297	2.1-2.3	g/cm³
Hardness	ASTM D2240	50-55	Shore
Tensile Strength	ASTM D-412	13.7-34.3	Mpa
Elongation	ASTM D-412	150-400	%
Compressive Strength	ASTM D-695	12	Mpa
Dielectric Breakdown Strength (Short Term)	ASTM D-419	12	Kv/MM

WORKING TEMPERATURE	MIN	MAX
℃	-190 ℃	+250 ℃

AMO Rubber®

QUALITY CONTROL

Can assure our valuable clients that all our products have been tested, to ensure that our high performance products have met such international management system as SGS, FDA, PAK, REACH, and RoHs.

PRODUCT INTRODUCTION CONFIRMATION

AMO Rubber®

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