

TYPE 90

NEOPRENE RUBBER SHEET

COLOR: BLACK

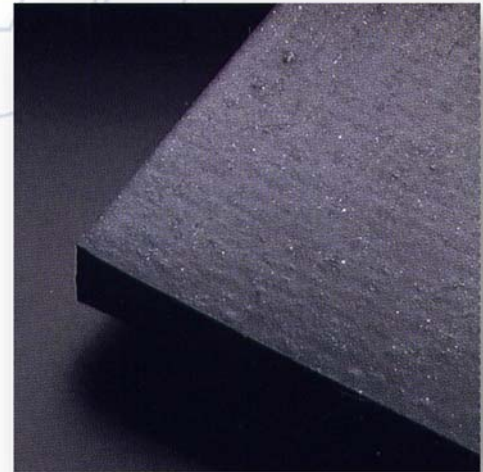
FEATURES: THIS CHLOROPRENE COMPOSITION HAS EXCELLENT WEATHERING RESISTANCE, GOOD OIL RESISTANCE AND GOOD PHYSICAL PROPERTIES

SURFACE: SMOOTH

EQUIPMENT: ALL MATING SURFACES.

LIMITATIONS: TEMPERATURES FROM -20°F TO 170°F.

MIL-SPEC NEOPRENE IS AVAILABLE



Specifications:

Durometer Hardness Shore A ±5	Tensile	Elongation	Wt. Per Lin. Foot 36"	Specifications
40	800	350%	1/8" - 2.5	ASTM D-2000 SAE J200
50	800	300%	1/8" - 2.6	ASTM D-2000 SAE J200
60	900	300%	1/8" - 2.7	ASTM D-2000 SAE J200
70	1000	200%	1/8" - 2.7	ASTM D-2000 SAE J20
80	1000	100%	1/8" - 2.9	ASTM D-2000 SAE J-200

WHEN REQUESTING A QUOTE, PLEASE SPECIFY DUROMETER - EXAMPLE: SDS-12536-60-NEO

Thickness	PART NUMBER: 36" WIDE	PART NUMBER: 48" WIDE
1/32"	SDS-03236-XX-NEO	SDS-03248-XX-NEO
1/16"	SDS-06236-XX-NEO	SDS-06248-XX-NEO
3/32"	SDS-09336-XX-NEO	SDS-09348-XX-NEO
1/8"	SDS-12536-XX-NEO	SDS-12548-XX-NEO
3/16"	SDS-18736-XX-NEO	SDS-18748-XX-NEO
1/4"	SDS-25036-XX-NEO	SDS-25048-XX-NEO
3/8"	SDS-37536-XX-NEO	SDS-37548-XX-NEO
1/2"	SDS-50036-XX-NEO	SDS-50048-XX-NEO

Other, special thicknesses available, [contact San Diego Seal.](#)

TYPE 96 CLOTH INSERTED (C.I.) RUBBER SHEET

COLOR: BLACK

FEATURES: A SBR RUBBER SHEET INSERTED WITH NYLON FOR ADDITIONAL STRENGTH.

SURFACE: SMOOTH

EQUIPMENT: ALL FLANGES HAVING NARROW MATING SURFACES AND WHERE ADDITIONAL STRENGTH IS REQUIRED.

LIMITATIONS: TEMPERATURES -40°F TO +212°F

REMARKS: GREATER TENSILE STRENGTH FOR HIGHER PRESSURES.



Specifications:

Durometer Hardness Shore A ±5	Tensile	Elongation	Fabric Weight	Fabric Type	Oil Resistance	Finish
70	450	200	4.0 oz.	Polyester	None	Smooth

Thickness	PART NUMBER: 36" WIDE	PART NUMBER: 48" WIDE
1/16"	SDS-06236-CI	SDS-06248-CI
3/32"	SDS-09336-CI	SDS-09348-CI
1/8"	SDS-12536-CI	SDS-12548-CI
3/16"	SDS-18736-CI	SDS-18748-CI
1/4"	SDS-25036-CI	SDS-25048-CI

TYPE 87 NYLON INSERTED NEOPRENE

COLOR: BLACK

FEATURES: A SPECIAL NEOPRENE COMPOUND WITH A MEDIUM WEIGHT WOVEN NYLON INSERT FOR MAXIMUM STRENGTH.

EQUIPMENT: CONTROL VALVES AND ALL EQUIPMENT APPLICATIONS WHERE A DIAPHRAGM MATERIAL IS REQUIRED.

LIMITATIONS: TEMPERATURES -20°F TO 180°F



REMARKS: NEOPRENE SHEET AND A NYLON CLOTH ARE COMBINED FOR THE ADVANTAGED OF OIL AND FUEL RESISTANCE OF THE NEOPRENE AND THE ADDITIONAL STRETCH AND STRENGTH OF THE NYLON.

Hardness	60 Shore A +/-5
Tensile	1000 PSI
Elongation	400%
Finish	Smooth
Test Method	Mullen Burst Test Rating Over 1000psi with 1" Square Opening
High Strength	Tear Resistant, Meets ASTM D2000 Type BC

Thickness	PART NUMBER: 36" WIDE	PART NUMBER: 48" WIDE
1/16"	SDS-06236-NI	SDS-06248-NI
3/32"	SDS-09336-NI	SDS-09348-NI
1/8"	SDS-12536-NI	SDS-12548-NI
3/16"	SDS-18736-NI	SDS-18748-NI
1/4"	SDS-25036-NI	SDS-25048-NI

TYPE 88 NEOPRENE DIAPHRAGM SHEET

COLOR: BLACK

FEATURES: A SPECIAL NEOPRENE COMPOUND WITH A HEAVY WEIGHT WOVEN (14.5 Oz.) NYLON INSERT FOR MAXIMUM STRENGTH.

EQUIPMENT: CONTROL VALVES AND ALL EQUIPMENT APPLICATIONS WHERE A DIAPHRAGM MATERIAL IS REQUIRED.

LIMITATIONS: TEMPERATURES -20°F TO 180°F



REMARKS: FOR APPLICATIONS REQUIRING MORE FABRIC STRENGTH THAN NEOPRENE/NYLON

Hardness	60 Shore A +/-5
Tensile	1000 PSI
Elongation	500%
Finish	Smooth
Test Method	Mullen Burst Test Rating Over 1000psi with 1" Square Opening
High Strength	Tear Resistant, Meets ASTM D2000 Type BC

Sizes:

Thickness	Widths	PART NUMBER:
1/16"	48"	SDS-06248-ND
3/32"	48"	SDS-09348-ND
1/8"	48"	SDS-12548-ND
3/16"	48"	SDS-18748-ND
1/4"	48"	SDS-25048-ND

TYPE 93 / TYPE 94 NITRILE / BUNA-N RUBBER SHEET

COLOR: (93) BLACK / (94) WHITE

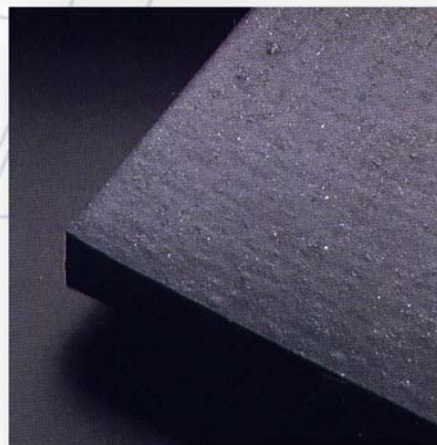
FEATURES: HIGH GRADE NITRILE SHEET.

SURFACE: SMOOTH

EQUIPMENT: ALL MATING FLANGES.

LIMITATIONS: TEMPERATURES FROM -20°F TO 200°F.

REMARKS: USE WHERE OIL RESISTANT ELASTOMER IS REQUIRED.



Other, special thicknesses available, [contact San Diego Seal.](#)

Specifications:

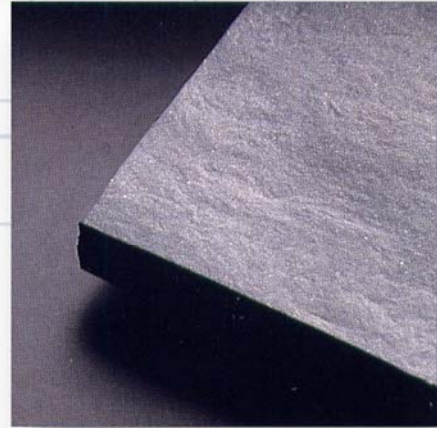
Durometer Hardness Shore A ±5	Tensile	Elongation	Wt. Per Lin. Foot 36"	Specifications
40	800	350%	1/8" - 2.5	ASTM D-2000 SAE J200
50	800	300%	1/8" - 2.6	ASTM D-2000 SAE J200
60	900	300%	1/8" - 2.7	ASTM D-2000 SAE J200
70	1000	200%	1/8" - 2.7	ASTM D-2000 SAE J20
80	1000	100%	1/8" - 2.9	ASTM D-2000 SAE J-200

WHEN REQUESTING A QUOTE, PLEASE SPECIFY DUROMETER - EXAMPLE: SDS-12536-60-BN

Thickness	PART NUMBER: 36" WIDE	PART NUMBER: 48" WIDE
1/32"	SDS-03236-XX-BN	SDS-03248-XX-BN
1/16"	SDS-06236-XX-BN	SDS-06248-XX-BN
3/32"	SDS-09336-XX-BN	SDS-09348-XX-BN
1/8"	SDS-12536-XX-BN	SDS-12548-XX-BN
3/16"	SDS-18736-XX-BN	SDS-18748-XX-BN
1/4"	SDS-25036-XX-BN	SDS-25048-XX-BN
3/8"	SDS-37536-XX-BN	SDS-37548-XX-BN
1/2"	SDS-50036-XX-BN	SDS-50048-XX-BN

TYPE 85 EPDM RUBBER SHEET

- COMMERCIAL GRADE
- HIGH GRADE
- 100% EPDM



COLOR: BLACK

FEATURES: THIS SHEET IS AN ETHYLENE PROPYLENE DISPLAYING EXCELLENT RESISTANCE TO OZONE, OXYGEN AND WATER.

EQUIPMENT: MATING FLANGES, BOILER MANHOLE AND HANDHOLD FLANGES.

REMARKS: AN EXCELLENT LOW COST MATERIAL FOR BOILER GASKETS.

GRADES

TYPE 85C - COMMERCIAL GRADE: TEMPERATURES FROM -40°F TO 212°F.

TYPE 85H - HIGH GRADE: TEMPERATURES FROM -40°F TO 225°F.

TYPE 85100 - 100% EPDM: TEMPERATURES FROM -55°F TO 300°F.

Durometer Hardness Shore A ±5	Tensile	Elongation	Specifications
40	1500	500	MICA 410, ASTM D 2000
50	1600	450	MICA 510, ASTM D 2000
60	1800	400	MICA 610, ASTM D 2000
70	1700	200	MICA 710, ASTM D 2000
80	1800	150	MICA 810, ASTM D 2000

PLEASE SPECIFY GRADE AND DUROMETER - EXAMPLE: SDS-12536-60-EPDM-C

Thickness	Widths	PART NUMBER:
1/16"	48"	SDS-06248-XX-EPDM-X
1/8"	48"	SDS-12548-XX-EPDM-X
3/16"	48"	SDS-18748-XX-EPDM-X
1/4"	48"	SDS-25048-XX-EPDM-X

HYPALON (CHLOROSULFONATED POLYETHELENE)

FEATURES: RESISTS GOOD ACID, ALKALI AND SALT RESISTANCE, OILS AND COMMERCIAL FUELS SUCH AS DIESEL AND KEROSENE. IT RESISTS WEATHERING, SUNLIGHT AND OZONE.

LIMITATIONS: TEMPERATURES FROM -50°F TO 275°F.

HYPALON IS NOT GOOD IN AROMATICS OR CHLORINATED HYDROCARBONS AND HAS POOR RESISTANCE AGAINST CHROMIC ACID AND NITRIC ACID.

RED RUBBER

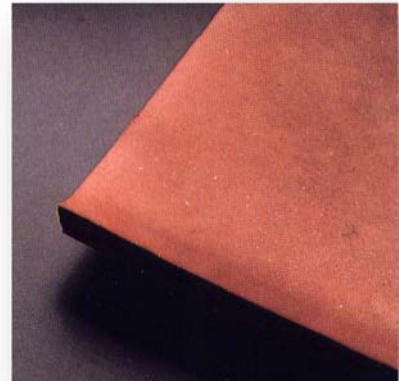
COLOR: RED

FEATURES: A GENERAL SERVICE SBR RUBBER COMPOUND OF EXCELLENT QUALITY. THIS HEAT RESISTANT MATERIAL HAS BEEN CALENDERED AND VULCANIZED UNDER THE STRICTEST CONTROL.

EQUIPMENT: ALL MATING FLANGES WHEREVER A QUALITY RUBBER SHEET IS REQUIRED.

REMARKS: DEFORMS TO UNEVEN FLANGES.

OPERATING TEMPERATURE: -20°F TO +170°F



PURE GUM

COLOR: TAN

FEATURES: A COMPOSITION OF SPECIALLY BLENDED COMPOUNDS. SOFT, PLIABLE, CAPABLE OF FILLING FLANGE IRREGULARITIES WITH THE LIGHTEST BOLT LOADS.

SURFACE: SMOOTH

EQUIPMENT: ALL MATING FLANGES.

LIMITATIONS: TEMPERATURES TO 200°F / 93°C.

REMARKS: DEFORMS EASILY AND RECOVERS READILY.

