



Industrial Materials & Fabrication

7208A Weil Ave. • St. Louis, Missouri 63119-3404
314-646-5353 • 800-325-9972 • FAX 314-646-5398

CONVEYOR/ELEVATOR BELTING

Rubber
RMV
Lightweight
European
PVC
Urethane
Silicone
Fiberglass
Teflon
Metal Belt
Table Top
Custom Fabrication

BELT SPLICING

Mechanical / Flexco, Clipper
Vulcanized in house & field

BELT ACCESSORIES

Cleats
Skirtboard
Buckets - Metal, Plastic, Nylon
Fasteners
Sidewalls
Pulley Lagging
Pulleys
Idlers
V-Guides

V BELT

F.H.P.
Timing
Kevlar
Urethane
Profile

HOSE

Air
Water
Oil
Chemical
Material Handling
Food
Fire
Exhaust
Suction
Metal
Silicone
Ducting
Tubing

HOSE COUPLINGS

K.C. Nipples
Suction Hose Couplings
Cam & Groove
Strainers
Brass, Stainless Steel
Nylon, Polypropylene

LININGS

Rema
U.H.M.W.
Field Service Available for Linings

CLAMPS

Worm Gear
Double Bolt
Bandit
Punch Lok

GASKET

Die Cut
Slitting
Vulcanizing
Stripping
Hand Cut Specialty Gaskets
Spiral Wound Gaskets

SHEET

Neoprene
Nitrile
E.P.D.M.
Gum Rubber
Hypalon
Silicone
Viton
Non Asbestos
Teflon
Cork
Sponge
Matting

U.H.M.W. / URETHANE

Plain
Fabric Backed
Plain Backed
Tapes
Custom Fabrication

SLEEVES

Gum
Rema
Linatex
E.P.D.M.
Neoprene



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Gaskets • Washers • Shims • Spacers
 Insulation Parts • Seals • Sheets • Tapes • Roll Goods

Fractions of an inch	Equivalent		Fractions of an inch	Equivalent	
	Inches	Millimeters		Inches	Millimeters
1/64.....	0.015625	0.396875	33/64....	0.515625	13.096875
1/32.....	0.03125	0.79375	17/32.....	0.53125	13.49375
3/64.....	0.046875	1.190625	35/64....	0.546875	13.890625
1/16.....	0.0625	1.5875	9/16.....	0.5625	14.2875
5/64.....	0.078125	1.984375	37/64....	0.578125	14.684375
3/32.....	0.09375	2.38125	19/32.....	0.59375	15.08125
7/64.....	0.109375	2.778125	39/64....	0.609375	15.478125
1/8.....	0.1250	3.1750	5/8.....	0.6250	15.8750
9/64.....	0.140625	3.571875	41/64....	0.640625	16.271875
5/32.....	0.15625	3.96875	21/32.....	0.65625	16.66875
11/64....	0.171875	4.365625	43/64....	0.671875	17.065625
3/16.....	0.1875	4.7625	11/16.....	0.6875	17.4625
13/64....	0.203125	5.159375	45/64....	0.703125	17.859375
7/32.....	0.21875	5.55625	23/32.....	0.71875	18.25625
15/64....	0.234375	6.3500	47/64....	0.734375	18.653125
1/4.....	0.2500	6.3500	3/4.....	0.7500	19.0500
17/64....	0.265625	6.74689	49/64....	0.765625	19.446875
9/32.....	0.28125	7.14376	25/32.....	0.78125	19.84375
19/64....	0.296875	7.54064	51/64....	0.796875	20.240625
5/16.....	0.3125	7.93752	13/16.....	0.8125	20.6375
21/64....	0.328125	8.33439	53/64....	0.796875	21.034375
11/32.....	0.34375	8.73127	27/32.....	0.84375	21.43125
23/64....	0.359375	9.12814	55/64....	0.859375	21.828125
3/8.....	0.3750	9.52502	7/8.....	0.8750	22.2250
26/34....	0.390625	9.921875	57/64....	0.890625	22.621875
13/32.....	0.40625	10.31875	29/32.....	0.90625	23.01875
27/64....	0.421875	10.71625	59/64....	0.921875	23.415625
7/16.....	0.4375	11.1125	15/16.....	0.9375	23.8125
29/64....	0.453125	11.509375	61/64....	0.953125	24.209375
15/32.....	0.46875	11.90625	31/32.....	0.96875	24.60625
31/64....	0.484375	12.303125	63/64....	0.984375	25.003125
1/2.....	0.5000	12.7000	1.....	1.0000	25.4000

The data presented in this pamphlet should be used only as a guide. All statements are based on published literature. We understand them to be accurate and reliable, but we are unable to guarantee their accuracy and assume no liability for their use.



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Asbestos Free Gasket Material

Temp.: 400°C (750°F) 450PSI Non-asbestos fibre bonded
with nitrile rubber for high chemical stability and heat resistance.
Thickness range: 1/64" to 1/8"

Buna-N/Nitrile (NBR)

Temp. range: -20°F to +170°F; good oil and leaded gasoline resistance,
ASTM D2000 SAE J 200. Thickness range: 1/32" to 1"

Butyl (IIR)

Temp. range: -40°F to +225°F; excellent resistance to gases,
sunlight, ozone and alcohol, non oil resistance, ASTM D2000
SAE J 200. Thickness range: 1/16" to 1/4"

Cloth Inserted Sheet

Temp. range: -20°F to +170°F; non oil resistance for static and low pressure use,
Compound-SBR. Reinforcement: Cotton and Polyester.
Thickness range: 1/16" to 1/4" (Other styles available)

Chute Lining (Plain, Fabric or Metal Back)

Temp. range: -20°F to +170°F; good abrasion resistance.
Thickness range: 1/8" to 1" (Rubber-Urethane)

Cracked Tire Cord

Good wear and abrasion resistance sheet, 85 duro. A homogenous mixture of
masticated rubber reinforced with high strength rayon cords; good load bearing
qualities; bearing pads, bumpers and wear pads. Thickness range: 1/8" to 1/2"

Cork/Rubber

Neoprene Nitrile filler, low cost general service material for
cushioning and sealing ASTM-P.2265A. Oil resistant
Thickness range: 1/16" to 1/4" (Other styles available)

Diaphragm Sheet

Temp. range: -20°F to +220°F; nitrile/nylon premium grade;
good oil and regular gas resistance; very flexible. Thickness
range: 1/32" to 1/8" (Other styles available)

EPDM

Temp. range: -40°F to +220°F; resistance to sunlight, ozone
and oxidants; used with farm chemicals including *Lasso*; non
oil resistant. Thickness range: 1/8" to 1/4"

FDA Sheet, White

Temp. range: -25°F to +220°F; can be used in greasy, oily
and abrasive conditions, especially food handling, drug and
cosmetic manufacturing. Non-toxic, non allergenic and non-marking.
Thickness range: 1/16" to 1/4"

Hypalon®

Temp. range: -40°F to +250°F; moderate oil resistance.
Excellent resistance to oxidizing acids and ozone. Tensile strength 2250 PSI.
Thickness range: 1/16" to 1/4"

Koroklear®

Temp. range: -40°F to +150°F; Clear vinyl strip used in doors,
energy saving and noise reduction. Widths of 6", 8", 12", 16"
and 48", regular and U.S.D.A. Thickness range: .040" to .160"

Manila Shim Stock

Shim stock and gasket applications.

Natural Rubber (Gum)

Temp. range: -20°F to +140°F; High tensile and tear resistance proper ties.
Superb abrasion and wear resistance. Non oil resistant.
Excellent for Dry Product Discharge Sleeves. Thickness range: 1/32" to 1"

Neoprene Commercial Grade

Temp. range: -40°F to +170°F; Our most popular sheet.
Good oil resistance and aging properties.
Thickness range: 1/32" to 1" and up to 72" wide

Polyethylene Polypropylene

Stress relieved--as extruded. Thickness range: 1/16" to 2"



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PVC (Polyvinyl-Chloride)	Temp. range: +40°F to +140°F; for petroleum and corrosive service. Excellent oil resistance. Thickness range: 1/16" to 1/8"
Red Rubber (SBR)	Temp. range: -20°F to +170°F; general purpose gasketing. No oil resistance. Good water and some chemical resistance. ASTM D-1330-66, Class II. Thickness range: 1/16" to 1/4"
Silicone	Temp. range: -60°F to +480°F; very stable at low and high temperatures. Good ozone and UV resistance. Thickness range 1/32" to 1"
Skirtboard	Temp. range: -40°F to +170°F; good abrasion resistance. Thickness range: 1/8" to 1"
Teflon® Mechanical Grade Virgin Glass Filled	Temp. range: -200°F to +500°F; excellent impermeability to most corrosive liquids, vapor and gases, even at elevated temperatures. Plain or bondable. Thickness range: 1/32" to 2 1/2"
Thermal Barrier	3000°F melting point. Non asbestos material, welding and burning operations. Gasket applications. Thickness range: 0.030 and 0.060, 36" wide
UHMW	Ultra High Molecular Weight polyethylene. Extremely high abrasive resistance, USDA and FDA accepted for food processing. Use caution on impact. Thickness range: 1/16" to 4"
Vegetable Fibre Sheet	Temp. 250°F; tough, pliable and compressible. Flange gaskets in sealing fluids or gases. Not recommended for acids. ASTM 1170-62T SAE J90. Thickness range: .010" to 1/8"
Viton®	Temp. range: -10°F to +400°F; excellent heat and fluid resistance. Gaskets, seals, coated fabrics, Cellular-Thickness range: .010" to 1/2" Also available Viton on Nomex
Closed Cell Sponge	Temp. range: -20°F to +160°F; intermittent ASTM D1056- 68, gasketing, sealing, cushioning, stripping, vibration dampening, shock absorption and packaging. Oil resistant weather-strip. Thickness range: 1/16" to 1"
Natural Rubber Sponge	Temp. range: -40°F to +175°F; 200 intermittent. ASTM D1056-73. Cushioning, gaskets, vibrating dampening, expansion joints. Thickness range: 1/8" to 1"
Polyethylene/Eva	Commonly used for shock absorption, gasketing, floatation, cushioning. Low cost multipurpose material. Thickness range: 1/8" to 2-1/2"
Polyethylene/Foam	Temp. range: -100°F to +180°F; excellent chemical and weather resistance. Soft surface texture with great compression reco very. Superior insulating and cushioning combined with light weight. Unusual strength. Thickness range: 1/8" to 4"
Polyurethane Foam	Temp. range: -30°F to +250°F; low cost material for cushioning, vibration dampening, dust and insect sealing around doors, windows, etc. Thickness range: 1/8" to 12"
Silicone Sponge	Temp. range: -100°F to +450°F; hi-temp resistance, lo-temp flexibility. Low moisture absorption; chemical resistance; non-corrosive. Bondable with R.T.V. Thickness range: 1/8" to 12"
Vinyl/Nitrile Closed Cell Ensolite®	Commonly used in floatation, shock absorption, gasketing, sound and thermal insulation. Thickness range: 1/8" to 2-1/4"