

RUBBER GASKET SHEETS

Rubber is the most cost-effective material to use where temperatures and pressure are low and the chemical environment is mild. Different elastomers offer different mechanical and chemical properties. Cloth inserted materials are better able to handle movement and high compression loads.

Standard Materials and Applications

Material	Temperature		Max Pressure		Thickness		Applications
	°C	°F	Bar	Psi	mm	inch	
Butyl	-40 to 107	-40 to 225	10	150	1.5 to 6.3	1/16 to 1/4	Gases, inorganic acids & alkalis. Excellent weather /abrasion resistance.
Ethylene propylene EPDM	-40 to 100	-40 to 212	10	150	1.5 to 6.3	1/16 to 1/4	Water, steam, animal/vegetable oils oxygenated solvents. Excellent weather resistance.
Fluoroelastomer	-40 to 204	-40 to 400	12	175	0.7 to 6.3	1/32 to 1/4	High performance product resistant to heat, oils, fuels, numerous acids and other chemicals
Neoprene	-28 to 90	-20 to 194	10	150	0.7 to 50	1/32 to 2	Oil/gasoline. Excellent weather resistance
Hypalon	-25 to 120	-13 to 248	10	150	1.5 to 6.3	1/16 to 1/4	Gases, inorganic acids & alkalis. Excellent weather /abrasion resistance.
Silicone	-70 To 200	-94 to 392	10	150	0.7 to 6.3	1/32 to 1/4	High temperature air or water (not oil or steam). Soft. Available in FDA grade.
Cork	-40 to 125	-40 to 257	10	150	1.5 to 6.3	1/16 to 1/4	Chemical resistant, Oil/ Fuel Resistant, Highly durable and resilient, flexibility and compression characteristics
Natural Rubber	-28 to 60	-20 to 140	10	150	0.7 to 6.3	1/32 to 1/4	Excellent abrasion resistance and good resistance to most organic salts, ammonia, acids, and alkalies. This material is non marking.

Standard Dimensions



	1000x10000			1200x10000			1500x10000			2000x10000			Cork Sheet 1200x1200
mm	39	3/8x393	11/16	47	1/4x393	11/16	59	1/16x393	11/16	78	3/4x393	11/16	47 1/4x47 1/4
Inch	0.5	1.0	1.5	2	3	4	6	8	10				
mm	1/64	3/64	1/16	5/64	1/8	5/32	15/64	5/16	25/64				

Other sizes and thicknesses are available on request

