

**Characteristic**

This is manufactured by the hot calender process using high quality non-asbestos fibers and oil resistant synthetic rubber. Specially, this sheet has superior sealability with excellent oil resistance.

**Application Standards**

KS L 5406 CLASS 3  
 JIS R 3453 CLASS 3  
 ASTM F 104 P1141 A

**Properties**

Test Item	Unit	Result
Density	g/cm <sup>3</sup>	1.5-1.7
Tensile Strength	kg/mm <sup>2</sup>	1.4 Min
Compressibility	%	7-17
Recovery	%	40 Min
ASTM OIL #3	Thickness Increase	% 15 Max
	Tensile Loss	% 45 Max
ASTM Fuel B	Thickness Increase	% 15 Max
	Weight Increase	% 15 Max
Ignition Loss	%	38 Max
Flexibility (F <sub>≤12</sub> )		No-Break

\* All data are typical values



**Use**

Temperature : 350 C Max.  
 Pressure : 30kg . f/cm Max.  
 pH Range : 4-11  
 Water, Alkali, Salt Solution below 30kg. f/cm , 200 C  
 Organic Solvent below 20kg . f/cm , 150 C  
 Hot Oil, Oil Gas, Freon Gas below 20kg. f/cm , 200 C

**Standard Size**

Unit : Inch	
Thickness	0.5 ~ 3.2
Size	60 X 60
	60 X 120

**Characteristic**

Is an excellent quality asbestos free gasket material with stainless steel wire mesh inserted to be suitable for high temperature and high pressure. Manufactured by the hot calendar process using quality non asbestos fibers (aramid fibers) and oil resistant rubber.

**Application Standards**

KS L 5406  
 JIS R 3453  
 ASTM F 104

**Properties**

Test Item	Unit	Result
Density	g/cm <sup>3</sup>	1.7
Tensile Strength	kg/mm <sup>2</sup>	1.8 Min
Compressibility	%	10
Recovery	%	48 Min
ASTM OIL #3	Thickness Increase	% 5
	Tensile Loss	% 16 Max
ASTM Fuel #3	Thickness Increase	% 5
	Weight Increase	% 7 Max

\* All data are typical values



**Use**

Temperature : 400 C Max  
 Pressure : 100kg . f/cm<sup>2</sup> Max  
 PH Range : 4 - 11  
 Water, Alkali, Salt Solution below 30kg. f/cm , 300 C  
 Hot Oil, Oil Gas, Fuels below 20kg f/cm , 300 C  
 Solvents, Gases, Oils

**Standard Size**

Unit : Inch	
Thickness	0.4 ~ 4.8
Size	60 X 60
	60 X 120