

Compressed Asbestos-Free Gasket

Typical Physical Properties

JIC 6010



Test Method	Physical Properties	Style 6010
ASTM F792	Density[g/cm ³]	1.7
ASTM F152	Tensile strength Across grain.PSI[kg/cm ²]	1422(100)
ASTM F37A	Gas Sealability [ml/hr] Nitrogen leakage Gasket load : 3000 psi	0.30
ASTM F36J	Compressibility[%]	11
ASTM F36J	Recovery[%]	52
ASTM F146	Fluid Resistance after 5hrs immersions	
	ASTM # 3 oil(150℃) Thickness Increase[%] Tensile Loss[%]	12 35
	ASTM Fuel B(20~30℃) Thickness Increase[%] Weight Increase[%]	12 10
ASTM F38	Creep Relaxation[%]	31
ASTM F495	Ignition Loss[%]	30

* Physical properties based on 1.5mm (Thickness)

■ Gasket Design Data

Thickness [mm]	Gasket factor(m)	Min. Design Seating Stress(y)
3.2	2.00	1600 PSI [112kg/cm ²]
1.6	2.75	3700 PSI [260kg/cm ²]
0.8	3.50	6500 PSI [457kg/cm ²]

■ Color	:	Green (Black Printed)
■ Binder	:	NBR
■ Fiber	:	Aramid Fiber, Inorganic Fiber
■ Fluid Services	:	Water, Hot Water, Oils, Mild acids and alkalis
■ Temperature	:	Short-term peak : 260℃(500°F) Maximum continuous : 180℃(356°F)
■ Pressure	:	Short-term peak : 60kg/cm ² [850 PSI]
■ PH range	:	4-11 Above is general range and has no guarantee for every case. Please contact us for further details.
■ Application	:	Hot oil & oil gas : Below 20 kg/cm ² , 150℃ Water, alkali, salt solution : Below 20 kg/cm ² , 150℃ Organic solvent : Below 20 kg/cm ² , 150℃

■ Size	Thickness	0.5 ~ 3.2 [mm]
	Sheet Size[mm]	1270×1270, 1270×2540 1270×3810, 1520×1520 2540×3810, 1520×3040

■ WARNING

- Not available with max.Temp. & press.at same time
- Guide line only, if outside this range contact us.
- Do not re-use gaskets unless this is specifically indicated.
- Do not use gasket compounds with gasket as this will adversely affect performance.
- JIC 6010 is not recommended for toxious & explosive gas line.
- For steam line, we recommend spiral wound gasket.

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