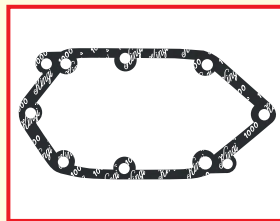
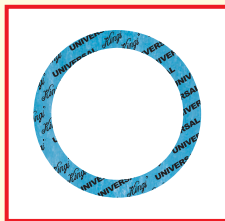
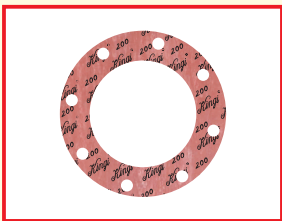




PT. AREZDA PURNAMA LOKA
Jointing Sheets Manufacturing Division

COMPRESSED FIBER JOINTING SHEETS








Asbestos & Non-Asbestos



www.arezda.co.id



Produksi Dalam Negeri

	Main Applications	Operating Guidelines	Standards Compliance
Kingi Acid 	Designed for acid services. Widely used in the chemical industry. Suitable for strong organic and inorganic acid. Colour : White / Grey	Max. Temperature 150 °C Max. Pressure 150 Psi (20 Bar)	German Its / DIN 3754
Kingi General 	Economical sheet for general services, like : steam, gases, water, and non aggressive media Colour : Black	Max. Temperature 350 °C Max. Pressure 350 Psi (65 Bar)	American ASTM F104-F112700
Kingi 200 	Has the same service application as Kingi General but with higher temperature & pressure. Colour : Red / Brown	Max. Temperature 400 °C Max. Pressure 600 Psi (100 Bar)	American ASTM F104-F112740
Kingi 100 	High quality material for the oil and petrochemical industries. Suitable for steam, gases, water, and other non aggressive media. Colour : Grey	Max. Temperature 510 °C Max. Pressure 1.900 Psi (130 Bar)	American ASTM F104-F112551
Kingi Oilet 	Especially recommended for petrols, oils, solvents of all types including chlorinated hydrocarbon and aromatic. Colour : Black	Max. Temperature 500 °C Max. Pressure 1.900 Psi (130 Bar)	American ASTM F104-F112130
Kingi Universal 	Suitable for extreme pressures and virtually all media, including hydro carbons, alkalis, and medium strength acids. Colour : Blue	Max. Temperature 550 °C Max. Pressure 2.000 Psi (140 Bar)	American ASTM F104-F112121
Kingi 1000 	Wire Insert Reinforced for higher pressures, and temperatures. Colour : Black (Graphite)	Max. Temperature 550 °C Max. Pressure 2.900 Psi (200 Bar)	British BS 2815 Gr.A Wire Insert Reinforced

TOLERANCES FOR C.A.F. SHEETING (mm)		
Nominal Thickness of Sheet	Maximum Permissible Variation from Nominal Thickness	Maximum Permissible Variation between Points not more than 250 mm apart
Up to and including 0.5	± 0.05	0.05
Over 0.5 up to and including 1.0	± 0.10	0.10
Over 1.0 up to and including 2.0	± 0.15	0.10
Over 2.0	± .20	0.15

Standard Dimension	
Standard Sheet Size (mm)	1500 x 2000
Standard Sheet Thickness (mm)	0.5/1.0/1.5/2.0/3.0/4.0/5.0
Other thicknesses are also available on request	

< INGI > 0588 FLAT RING GASKETS

Except sheet gaskets described above, cut-out gaskets are also available as

1. MATERIAL : Both Metal or Non-metal gaskets are available.
2. SIZE : Available to fit ANSI, API, JIS, DIN, or other flange standard.
(Please specify your "flange size standard" to fit your needs)

When ordering please specify the following :

- Material of gasket or gasket usage (media, temperature, pressure).
- Flange standard or gasket standard (pressure rating, nominal sizes). For please specify gasket dimensions complete with drawing if possible.
- Gasket thickness.
- Quantity required.

Note :

Gasket with O.D. bigger than gasket material is fabricated with joint.

Note : Above information should be used as guidance only. Actual serviceable limits depend upon the relationship between temperatures, pressures, media

AF) Fibre Jointing Sheets

Material Properties

Typical Original Properties (3.0 mm)			Typical Properties after Immersion in Fluid (3.0 mm)			
Minimum Tensile			Thickness Increase (ASTM F146)			
Strength (cross grain)	ASTM F152 1/100 °C	3300 Psi	ASTM Oil No.3	5 hours	150 °C	20%
Specific Gravity		1.90	ASTM Fuel B	5 hours	23 °C	12%
Compressibility	ASTM F36A	11%	Weight Increase (ASTM F146)			
Recovery	ASTM F36A	37%	ASTM Fuel B	5 hours	23 °C	8%
Ignition Loss	ASTM F104	19%				
Minimum Tensile			Thickness Increase (ASTM F146)			
Strength (cross grain)	ASTM F152 1/100 °C	1800 Psi	ASTM Oil No.3	5 hours	150 °C	25%
Specific Gravity		1.90	ASTM Fuel B	5 hours	23 °C	15%
Compressibility	ASTM F36A	10%	Weight Increase (ASTM F146)			
Recovery	ASTM F36A	50%	ASTM Fuel B	5 hours	23 °C	15%
Ignition Loss	ASTM F104	17%				
Minimum Tensile			Thickness Increase (ASTM F146)			
Strength (cross grain)	ASTM F152 1/100 °C	3000 Psi	ASTM Oil No.3	5 hours	150 °C	30%
Specific Gravity		1.95	ASTM Fuel B	5 hours	23 °C	20%
Compressibility	ASTM F36A	8%	Weight Increase (ASTM F146)			
Recovery	ASTM F36A	55%	ASTM Fuel B	5 hours	23 °C	14%
Ignition Loss	ASTM F104	22%				
Minimum Tensile			Thickness Increase (ASTM F146)			
Strength (cross grain)	ASTM F152 1/100 °C	2400 Psi	ASTM Oil No.3	5 hours	150 °C	25%
Specific Gravity		2.00	ASTM Fuel B	5 hours	23 °C	17%
Compressibility	ASTM F36A	12%	Weight Increase (ASTM F146)			
Recovery	ASTM F36A	38%	ASTM Fuel B	5 hours	23 °C	12%
Ignition Loss	ASTM F104	16%				
Minimum Tensile			Thickness Increase (ASTM F146)			
Strength (cross grain)	ASTM F152 1/100 °C	3700 Psi	ASTM Oil No.3	5 hours	150 °C	8%
Specific Gravity		1.95	ASTM Fuel B	5 hours	23 °C	8%
Compressibility	ASTM F36A	11%	Weight Increase (ASTM F146)			
Recovery	ASTM F36A	52%	ASTM Fuel B	5 hours	23 °C	9.5%
Ignition Loss	ASTM F104	15%				
Minimum Tensile			Thickness Increase (ASTM F146)			
Strength (cross grain)	ASTM F152 1/100 °C	4000 Psi	ASTM Oil No.3	5 hours	150 °C	8%
Specific Gravity		1.95	ASTM Fuel B	5 hours	23 °C	12%
Compressibility	ASTM F36A	10%	Weight Increase (ASTM F146)			
Recovery	ASTM F36A	55%	ASTM Fuel B	5 hours	23 °C	10%
Ignition Loss	ASTM F104	20%				
Minimum Tensile			Thickness Increase (ASTM F146)			
Strength (cross grain)	ASTM F152 1/100 °C	4700 Psi	ASTM Oil No.3	5 hours	150 °C	8%
Specific Gravity		2.10	ASTM Fuel B	5 hours	23 °C	6%
Compressibility	ASTM F36A	8%	Weight Increase (ASTM F146)			
Recovery	ASTM F36A	53%	ASTM Fuel B	5 hours	23 °C	5%
Ignition Loss	ASTM F104	18%				

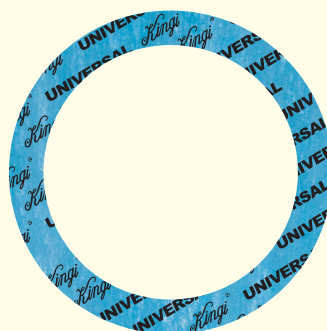
flat Rings as follows :

standards.
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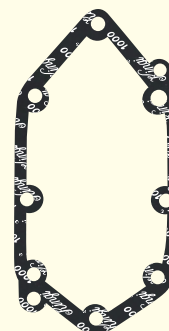
non standard items



“FF” Type

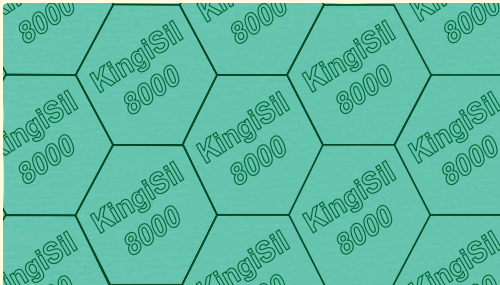


“RF” Type



to be sealed, flange condition, etc.

The <KINGI SIL>® Compressed NonAsbestos Fiber Jointing Sheets are gasket sheets made of synthetic fibers, rubber, and inorganic filler components being calendered by high pressure and high temperature to get *high quality* Compressed NonAsbestos Fiber Jointing Sheets



Binder	:	NBR / SBR
Colour	:	Green both sides
Uses	:	Water, Alkali, Salt Solution below 30 kgf/cm ² , 300 °C Hot Oil, Oil Gas, Fuels below 20 kgf/cm ² , 300 °C Solvents, Gases, Oils
Service Temperature*	:	430 °C Max
Service Pressure*	:	60kgf/cm ² Max

Note:

The test result is in accordance with ASTM F-104. Properties based on 0.8mm (1/32") sheet thickness.* The values are just for guidance only. Actual serviceable limits depend upon relationship between temperature, pressure, fluid to be sealed, flange condition, etc.

ASTM Test Method	Unit	Result
Density	g/cm ³	1.5 - 1.7
(F 36)	Compressibility	%
	Recovery	%
(F 152)	Tensile Strength	kg/mm ²
(F 37)	Sealability	cc/10min
(F 146)	ASTM #3 Oil @ 120 °C	
	Thickness Increase	%
	Tensile Loss	%
	ASTM Fuel B @ 23 °C	
	Thickness Increase	%
(F 104)	Weight Increase	%
	Flexibility	
	Ignition Loss	%



Produksi

Dalam Negeri

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