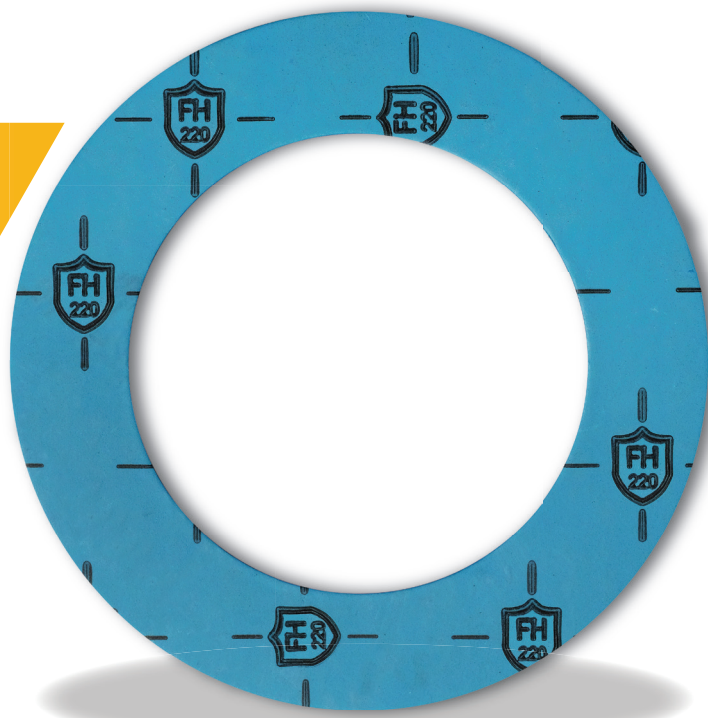




FH220

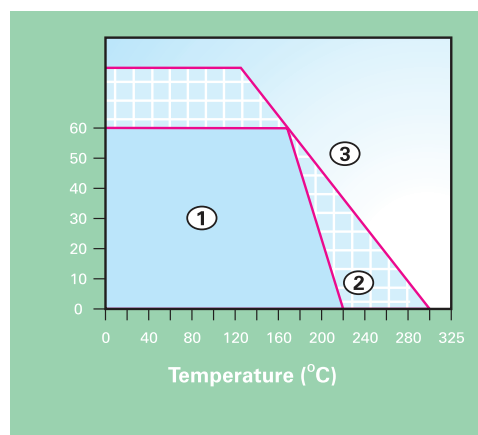
Aramid Fibre, Mineral Fiber, NBR, Water Oil resistant.

For medium to higher loadings, Suitable for oils, fuels, lubricants, alcohols, gases, hydrocarbons, steam, water, cooling liquids, most diluted acids and alkalies for low stress condition.



FH220 (Back Side)

Properties	Testing Method	Unit	Specification
1. Density	ASTM F 1315	g/cm ³	1.6-1.9
2. Compressibility	ASTM F 36 J	%	7-17
3. Recovery	ASTM F 36 J	%	≥ 40
4. Tensile Strength (Across Grain)	ASTM F 152	N/mm ²	≥ 9
5. Creep Relaxation (0.80 mm)	ASTM F 38 B	%	≤ 35
6. Stress Relaxation	DIN 52913		
a. 16 hours, 175°C	50 Mpa	Mpa	≥ 20
b. 16 hours, 300°C	50 Mpa	Mpa	
7. Gas Solubility (0.80 mm)	ASTM F 37 B	ml/hour	≤ 1.0
8. Cold/Hot Compression (0.80 mm)			
a. Thickness decrease at 23°C		%	
b. Thickness decrease at 300°C		%	
9. ASTM OIL NO 3 (5 HRS, 150°C)			
Thickness Increase		%	≤ 15
Weight Increase		%	≤ 15
10. Fuel B (5 hrs, 23°C)			
Thickness Increase		%	≤ 15
Weight Increase		%	≤ 15
11. Water (5 hrs, 100°C)			
Thickness Increase		%	≤ 10
Weight Increase		%	≤ 15
12. Thickness Increase			
65% H ₂ SO ₄ Acid (48 hrs, 23°C)		%	
96% H ₂ SO ₄ Acid (48 hrs, 23°C)		%	
40% HNO ₃ Acid (48 hrs, 23°C)		%	
ASTM Line call out			ASTM F 104 F 712122E23A9B9M9
Max. Operating Conditions			
Max. Peak Temperature		°C	300
Max. Operating Temperature		°C	220
Max. Operating Pressure		Bar	80
PH Range			4-11



- ① Suitable Area
- ② Suitable Area, but technical advice for steam is recommended
- ③ Area in which technical advice is required



FH 220 (Front Side)

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