



NON-ASBESTOS JOINTING SHEET **Style No:TFN**

**Non-asbestos Jointing sheet** is made from synthetic fibre, natural rubber, filling material and dye, compressed and calendered under high temperature and pressure into a sheet form. It eliminates asbestos-rubber sheet essentially and thoroughly.

Item	Style		
	TFN-20	TFN-30	TFN-40
Density g/cm <sup>3</sup>	1.8~2.0	1.8~2.0	1.8~2.0
Tensile strength ≥Mpa	6	9	12.5
Compressibility ≥%	12±5	12±5	12±5
Recovery ≥%	40	45	45
Aging coefficient	0.9	0.9	0.9
Stress relaxation ≤%	45	45	45
Steam Sealing	Tmax: 200°C Pmax: 2~3Mpa 30min no shock	Tmax: 300°C Pmax: 4~5Mpa 30min no shock	Tmax: 400°C Pmax: 8~9Mpa 30min no shock
Tmax: °C	200	300	400
Pmax: Mpa	1.5	3	5
Resistance to media	Water, seawater, steam, fuel, gases, salt solutions and many other media.		

**Oil-resisting Non-asbestos Jointing Sheet** is made from Kevla fibre,synthetic rubber,filling material and dye,compressed and calendered under high temperature and pressure into a sheet form. It eliminates asbestos-rubber sheet essentially and thoroughly.

Item		Style			
		TFN-12R	TFN-18R	TFN-20R	TFN-30R
					
Density g/cm <sup>3</sup>		1.75~1.85	1.7~1.80	1.7 ±0.1	1.50-1.70
Tensile strength ASMF-152 Mpa		≥ 5.0	≥ 6.0	≥ 7.0	≥ 7.0
Compressibility ASMTF -36 %		≥ 7-17	≥ 7-17	≥ 7-17	≥ 7-17
Resilience ASTMF- 36 %		≥ 35	≥ 40	≥ 40	≥ 45
Creep relaxation rate N/mm <sup>2</sup>		≤ 35	≤ 35	≤ 35	≤ 30
Leakage rate ASTMF - 37 cm <sup>3</sup> /s		1.5 x 10	1.5 x 10 <sup>-3</sup>	1.5 x 10 <sup>-3</sup>	1.5 x 10 <sup>-3</sup>
Oil resistance / Thickness growth	ASTM1 # oil (ATMF - 146)	≤ 10 %	≤ 10 %	≤ 10 %	≤ 10 %
	ASTM3# oil (ATMF -146)	≤ 15 %	≤ 15 %	≤ 15 %	≤ 15 %
Temperature	°C	100-120	150-180	200	250-300

**Normal Characteristic:**

Black , Red, Blue or Green etc.  
 Available with tin steel, copper, SS304 etc. wire mesh insertion .Also available with anti-stick or graphite coating .With your logo on request.

**Normal Size:**

4500 x 1500 x (0.5 – 6.0)mm, 2000 x 1500 x (0.5 – 6.0)mm  
 1500 x 1360 x (0.5 – 6.0)mm, 3810 x 1270 x (0.5 – 6.0)mm  
 1270 x 1270 x (0.5 – 6.0)mm, 1500 x 1500 x (0.5 – 6.0)mm

**Inquiry / Order example**

Style	Size	Color	Qty
TFN-20	2000x1500x2.0mm	Red	100sheets
TFN-40	2000x1500x3.0mm	Black	1000kgs