

# HNA 700

(Carbon Fibre)

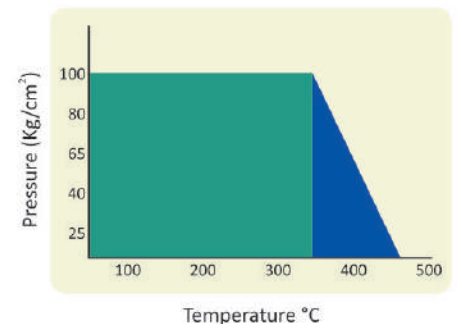
**Aramid Fibre,  
Carbon Fibre, NBR.**

For medium to higher loadings,  
Excellent for steam & alkalis,  
Chemical & petrochemical  
industries, Pulp, Paper etc.



## Technical Specifications

Properties	Test Method	Unit	Specified Value
Density		gm/cm <sup>3</sup>	1.70-2.00
Tensile Strength			
(a) ACC to ASTM F 152 (Across Grain)		N/mm <sup>2</sup>	>8
(b) ACC to DIN 52910 (Across Grain)		N/mm <sup>2</sup>	>6
Compressibility	ASTM F36A	%	7-15
Recovery	ASTM F36A	%	>50
Fluid Absorption	ASTM F146		
(a) In ASTM Oil No. 3			
Increase in Mass		%	<10
Increase in Thickness		%	<8
(b) In Fuel B	ASTM F146		
Increase in Mass		%	<10
Increase in Thickness		%	<7
(c) In Water/Antifreeze	ASTM F146		
Increase in Mass		%	<10
Increase in Thickness		%	<7
Ignition Loss	DIN 52911	%	<30
Sealability Against Nitrogen	DIN 3535	CM <sup>3</sup> /min	<0.5
Stress Resistance			-
16h 300°C	DIN 52913	N/mm <sup>2</sup>	20
16h 175°C	DIN 52913	N/mm <sup>2</sup>	30
Max. Peak Temperature		°C	450
Max. Continuous Temperature		°C	350
Max. Operating Pressure		Kg./CM <sup>2</sup>	100



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

Graphite coating, teflon coating, antistick coating are also available on request. Properties applicable for 2.0mm thick material