

# HNA 100

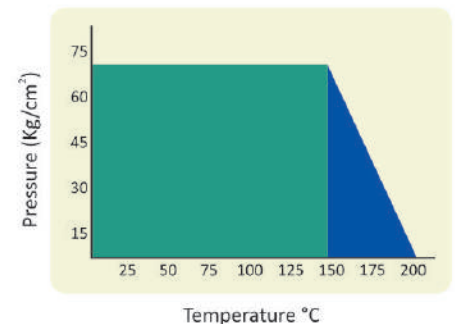
**Cellulose Fibre,  
High Quality NBR  
& Organic Fibre.  
Water/Oil resistant.**

For light to medium loadings, suitable for low operating pressure, e.g. transformers, compressors and oil pans in internal combustion engines.



## 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>	>7
(b) ACC to DIN 52910 (Across Grain)		N/mm <sup>2</sup>	>5
Compressibility	ASTM F36A	%	7-15
Recovery	ASTM F36A	%	>40
Fluid Absorption	ASTM F146		
(a) In ASTM Oil No. 3			
Increase in Mass		%	<15
Increase in Thickness		%	<10
(b) In Fuel B	ASTM F146		
Increase in Mass		%	<10
Increase in Thickness		%	<10
(c) In Water/Antifreeze	ASTM F146		
Increase in Mass		%	<15
Increase in Thickness		%	<15
Ignition Loss	DIN 52911	%	<40
Sealability Against Nitrogen	DIN 3535	CM <sup>3</sup> /min	-
Stress Resistance			
16h 300°C	DIN 52913	N/mm <sup>2</sup>	-
16h 175°C	DIN 52913	N/mm <sup>2</sup>	-
Max. Peak Temperature		°C	200
Max. Continuous Temperature		°C	150
Max. Operating Pressure		Kg./CM <sup>2</sup>	70



- 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