

# HNA 300 (Metallic)

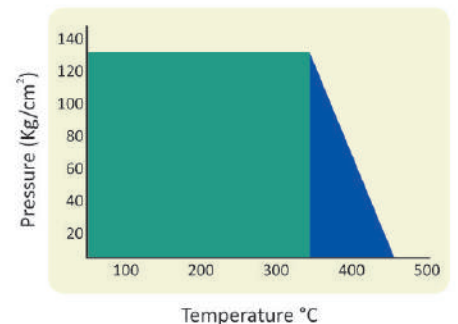
**Aramid Fibre,  
Mineral Fibre and  
NBR with Metal  
Gauge Centre  
Water/Oil Resistant.**

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



## Technical Specifications

Properties	Unit	Specified Value
Density	gm/cm <sup>3</sup>	1.70-2.10
Tensile Strength		
(a) ACC to ASTM F 152 (Across Grain)	N/mm <sup>2</sup>	>10
(b) ACC to DIN 52910 (Across Grain)	N/mm <sup>2</sup>	>7
Compressibility	%	7-15
Recovery	%	>50
Fluid Absorption		
(a) In ASTM Oil No. 3		
Increase in Mass	%	<10
Increase in Thickness	%	<10
(b) In Fuel B		
Increase in Mass	%	<10
Increase in Thickness	%	<10
(c) In Water/Antifreeze		
Increase in Mass	%	<15
Increase in Thickness	%	<15
Ignition Loss	%	<30
Sealability Against Nitrogen	CM <sup>3</sup> /min	0.5
Stress Resistance		-
16h 300°C	N/mm <sup>2</sup>	25
16h 175°C	N/mm <sup>2</sup>	36
Max. Peak Temperature	°C	450
Max. Continuous Temperature	°C	350
Max. Operating Pressure	Kg./CM <sup>2</sup>	130



- 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