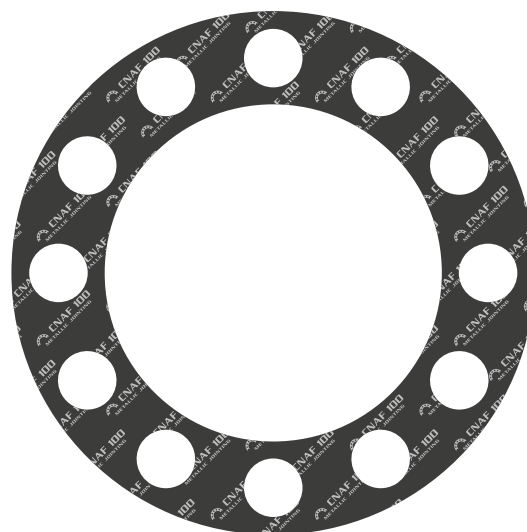


CNAF® 100 Metallic Jointing

Made from Aramid fibre, mineral fibre with G.I. metal gauge insertion and NBR binders. Water and oil resistant.

Suitable for oil resistant gasket material for light to medium loading. Suitable for low operating pressure, e.g. transformers, compressors and also used for easily deformable components with low surface pressure like valve corners and oil pans in combustion engines.



Physical properties

The following information applies to material thickness 2.0 mm

Properties	Test method	Unit	Specified value
Density		gm/cm ³	1.70-2.10
Tensile strength			
(a) acc. to ASTM F152 (across grain)		N/mm ²	>8
(b) acc. to DIN 52910 (across grain)		N/mm ²	>5
Compressibility	ASTM F36A	%	5-15
Recovery	ASTM F36A	%	>50
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	%	<32
Sealability against nitrogen	DIN 3535	cm ³ /min	<1.0
Stress resistance			-
16h 300 °C	DIN 52913	N/mm ²	-
16h 175 °C	DIN 52913	N/mm ²	-
Max. peak temperature		°C	400
Max. continuous temperature		°C	250
Max. operating pressure		Kg/cm ²	120