

novaform® 220

Material profile:

- Universally-applicable gasket material for standard applications in media

Typical applications:

- Secondary gasket in general for low and medium loads
- Gearbox gasket

Supply data:

- Sheet sizes in mm: 1000x1500 / 1500x1500 / 3000x1500
- Thickness in mm: 0.50 / 1.00 / 1.50 / 2.00
- Special sheet sizes upon request
- Other thicknesses upon request

General data	Binders:	NBR			
	Anti-stick coating:	non standard			
	Colour:	one side green with branding, one side yellow			
Physical properties (Gasket thicken. 1.00 mm)	Property	Standard	Unity	Value *	
	Density	DIN 28 090-2	[g/cm³]	1.70	
	Tensile strength	DIN 52 910	longitudinal	[N/mm²]	14
			transverse	[N/mm²]	6
	Residual stress $\sigma_{dE/16}$	DIN 52 913	175 °C	[N/mm²]	40
			300 °C	[N/mm²]	32
	Compressibility	ASTM F 36 J	[%]	7	
	Recovery	ASTM F 36 J	[%]	50	
	Fluid resistance	ASTM F 146			
	<u>ASTM IRM903</u>		5h/150 °C		
	Weight change		[%]	7	
	Thickness increase		[%]	2	
	<u>ASTM Fuel B</u>		5h/23 °C		
	Weight change		[%]	9	
	Thickness increase		[%]	5	
<u>Coolant/Water (50:50)</u>		5h/100 °C			
Weight change		[%]	3		
Thickness increase		[%]	2		

* = Mode (typical value)

Issue: 07.08

Modifications: 10

Supersedes all prior versions

The technical data stated has been determined with standard material under laboratory conditions. With the variety of installation and operating conditions no guarantee claim can be inferred regarding the behaviour of a flanged joint.

We reserve the right to product changes which serve the purpose of technical progress.