

# Technical Data Sheet



Gaskets · Insulation Materials · Expansion Joints

## novaform 231

### Material profile:

- Asbestos-free material with high oil resistance and very low compression set under pressure and temperature

### Typical applications:

- Secondary gasket with medium mechanical load
- valve cover 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, one side yellow with branding		
Physical properties (Gasket thicken. 1.00mm)	Property	Standard	Unity	Value *
	Density	DIN 28 090-2	[g/cm <sup>3</sup> ]	1.60
Tensile strength	longitudinal transvers	DIN 52 910	[N/mm <sup>2</sup> ]	37
			[N/mm <sup>2</sup> ]	10
Residual stress $\sigma_{dE/16}$	175°C 300°C	DIN 52 913	[N/mm <sup>2</sup> ]	45
			[N/mm <sup>2</sup> ]	40
Compressibility	ASTM F 36 J	[%]	8	
Recovery	ASTM F 36 J	[%]	60	
Fluid resistance	ASTM F 146			
	<u>ASTM IRM903</u>	5h/150°C		
	Weight change		[%]	12
	Thickness increase		[%]	4
	<u>ASTM Fuel B</u>	5h/23°C		
	Weight change		[%]	12
	Thickness increase		[%]	6
	<u>Coolant/Water (50:50)</u>	5h/100°C		
	Weight change		[%]	11
	Thickness increase		[%]	2

\* = Mode (typical value)

Issue: 02.04

Modifications: 6

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.