

Technical Data Sheet

novaform 770

Material profile:

- Oil resistant gasket material with very good mechanical properties, excellent stress relaxation, very low compression set and good mechanical creep strength even at temperatures above 150°C.

Typical applications:

- Static sealed joints
- Screwings

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:	both sides PTFE		
	Colour:	both sides light-green		
Physical properties (Gasket thicken. 1.00mm)	Property	Standard	Unity	Value *
	Density	DIN 28 090-2	[g/cm ³]	1.80
Tensile strength	DIN 52 910			
	longitudinal		[N/mm ²]	27
	transvers		[N/mm ²]	10
Residual stress $\sigma_{dE/16}$	DIN 52 913			
	175°C		[N/mm ²]	42
	300°C		[N/mm ²]	37
Compressibility	ASTM F 36 J		[%]	7
Recovery	ASTM F 36 J		[%]	65
Fluid resistance	ASTM F 146			
	<u>ASTM IRM903</u>	5h/150°C		
	Weight change		[%]	6
	Thickness increase		[%]	2
	<u>ASTM Fuel B</u>	5h/23°C		
	Weight change		[%]	7
	Thickness increase		[%]	6
	<u>Coolant/Water (50:50)</u>	5h/100°C		
	Weight change		[%]	6
	Thickness increase		[%]	2

* = Mode (typical value)

Issue: 02.04

Modifications: 7

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.