

Technical Data Sheet



Gaskets · Insulation Materials · Expansion Joints

novaform 740

Material profile:

- Asbestos-free gasket material for oils and fuels with excellent mechanical properties as well as reduced setting under temperature and pressure.

Typical applications:

- Easily deformable structural parts made of sheet metal, constructions with low bending resistance, valve-spring caps, oil pumps, covers

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:	both sides blue		
Physical properties (Gasket thicken. 1.00mm)	Property	Standard	Unity	Value *
	Density	DIN 28 090-2	[g/cm ³]	1.75
	Tensile strength	DIN 52 910		
	longitudinal		[N/mm ²]	38
	transvers		[N/mm ²]	13
	Residual stress $\sigma_{dE/16}$	DIN 52 913		
	175°C		[N/mm ²]	42
	300°C		[N/mm ²]	35
	Compressibility	ASTM F 36 J	[%]	7
	Recovery	ASTM F 36 J	[%]	60
	Fluid resistance	ASTM F 146		
	<u>ASTM IRM903</u>	5h/150°C		
	Weight change		[%]	10
	Thickness increase		[%]	5
	<u>ASTM Fuel B</u>	5h/23°C		
	Weight change		[%]	8
	Thickness increase		[%]	6
	<u>Coolant/Water (50:50)</u>	5h/100°C		
	Weight change		[%]	7
	Thickness increase		[%]	2

* = Mode (typical value)

Issue: 02.04

Modifications: 8

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.