

novapress[®] ACTIV

Material profile:

- New material composite with an oil-resistant hard core and a soft covering layer on each having controlled swelling properties in oil

Typical applications:

- Plant, apparatus and transformer construction
- General machine building industry
- Accessories for the automotive industry

Supply data:

- Sheet sizes in mm: 1000x1500 / 1500x1500 / 3000x1500
- Thickness in mm: 1.00 / 1.50 / 2.00 / 3.00
- Special sheet sizes upon request
- Other thicknesses upon request

General data	Binders:	Core: NBR; Cover: NR/NBR		
	Approvals:	non standard		
	Anti-stick coating:	one side brown, one side red		
	Colour:	acc DIN 28 091-1		
	Sheet size and thickness tolerance:			
Physical properties (Gasket thicken. 2.00 mm)	Property	Standard	Unity	Value *
		Density	DIN 28 090-2	[g/cm ³]
	Tensile strength	DIN 52 910		
	longitudinal		[N/mm ²]	32
	transverse		[N/mm ²]	9
	Residual stress $\sigma_{dE/16}$	DIN 52 913		
	175 °C		[N/mm ²]	32
	300 °C		[N/mm ²]	24
	Compressibility	ASTM F 36 J	[%]	8
	Recovery	ASTM F 36 J	[%]	66
	Cold compressibility ϵ_{KSW}	DIN 28 090-2	[%]	9.0
	Cold recovery ϵ_{KRW}	DIN 28 090-2	[%]	5.0
	Hot creep $\epsilon_{WSW/200}$	DIN 28 090-2	[%]	12.0
	Hot recovery $\epsilon_{WRW/200}$	DIN 28 090-2	[%]	2.0
	Recovery R	DIN 28 090-2	[mm]	0.040
	Specific leakage rate	DIN 3535-6	[mg/(m·s)]	0.100
	Specific leakage rate $\lambda_{2,0}$	DIN 28 090-2	[mg/(m·s)]	0.150
	Fluid resistance	ASTM F 146		
	<u>ASTM IRM903</u>	5h/150 °C		
	Weight change		[%]	23
	Thickness increase		[%]	12
	<u>ASTM Fuel B</u>	5h/23 °C		
	Weight change		[%]	18
	Thickness increase		[%]	10

* = Mode (typical value)

Issue: 07.08

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.