



optibelt ELASTOMIT-NR 890K

Technical elastomer sheeting

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similar figure

PRODUCT SPECIFICATION		NOTE
Polymeric base	Natural Rubber (NR)	
Colour	black	
Thickness / Range	0.30 mm - 0.80 mm	
Hardness	65 ± 5 Shore A	in accordance with DIN 53505
Specific weight	1.26 ± 0.02 g/cm ³	in accordance with DIN 53479
Tensile strength (min.)	10.0 N/mm ²	in accordance with DIN 53504
Elongation (min.)	400 %	in accordance with DIN 53504
Temperature resistance	- 40°C up to + 60°C	

ADDITIONAL INFORMATION	
Version K	The vulcanisation process is carried out in autoclaves (tanks). Through this special vulcanisation process, OPTIBELT is able to obtain a „low-shrink“ grade (in both lengthwise and traverse directions) during the die-cutting process. The values measured on the manufactured product - the ultimate tensile strength and tear strength as well as the ultimate elongation - are reduced by approx. 1/3, depending on the process, compared to the „A“ design.
Construction	Both sides of this design are flat and powdered.
Delivery form	Available as sheeting with a standard effective width of 1200 mm wound up on cardboard tubes. The sheeting can also be delivered in strips with a width starting from 40 mm.
Applications	Resistant to acids and alkaline solutions. The product is low shrinking constructed.
General polymer characteristics	See selection guide for elastomers under the following link: www.optibelt.com/en/elastomer-solutions/service/downloads.html
Storage	General information for the storage of elastomers can be found in the norm DIN 7716.

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If materials are used in combination with acids, alkalis and other chemicals, information about the concentration and possible effects of temperature is necessary. In case of doubt, the use of OPTIBELT products must be agreed with OPTIBELT before their use, particularly if they are used under conditions that present a particular risk to health, safety or the environment or which require a more demanding use. OPTIBELT expressly reserves the right to make changes and additions, for example on the basis of technical innovations.

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We would be happy to advise you about the product characteristics and adjustments if you have particular requirements. Please also note the information in the OPTIBELT documentation. Errors excepted, subject to technical change without notice. www.optibelt.com, © OPTIBELT Elastomer Solutions GmbH

OPTIBELT Elastomer Solutions GmbH
 Corveyer Allee 15 D 37671 Hötter
 phone +49 (0) 5271 62 - 1 fax +49 (0) 5271 62 00
 E-Mail: info@optibelt.com Internet: www.optibelt.com