



# optibelt ELASTOMIT-CR 475K

## Technical elastomer sheeting

05/2020



PRODUCTSPECIFICATION		NOTE
Polymer-Basis	Polychloroprene-Rubber (CR)	
Colour	black	
Thickness/Range	from 0.30 mm up to 0.80 mm	
Hardness	65 ± 5 Shore A	according to DIN 53505
Specific weight	1,42 ± 0,02 g/cm <sup>3</sup>	according to DIN 53479
Tensile strength (min.)	12,0 N/mm <sup>2</sup>	according to DIN 53504
Elongation (min.)	400%	according to DIN 53504
Temperature resistance	-30°C up to +90°C	

SPECIFIC TESTINGS	
Version <b>K</b>	The vulcanisation process is carried out in autoclaves (thanks). 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, alkaline solutions, oil and grease. Furthermore the product is watherproffed, resistant to UF and ozone.
General polymer characteristics	See selection guide for elastomers under the following link: <a href="https://www.optibelt.com/en/elastomer-solutions/service-download/">https://www.optibelt.com/en/elastomer-solutions/service-download/</a>
Storage	General information for the storage of elastomer can be found in the norm DIN 7716.

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