

## NBR/P 627

NBR, off-white, PAH free
Sulphur crosslinked
Applicable for fatty food
*BfR XXI category 2 This category contains commodities (articles and materials) that, when used as intended, come into contact with foodstuff for no more than 24 hours.
*FDA 21 Food and Drugs Part 177.2600 Rubber articles intended for repeated use in contact with aqueous and fatty foods
*REACH-conform in accordance with EU 1272/2013 *PAH – meets GS cat.3 in full content

Hardness [Shore A]:	ISO 7619-1	60 ±5
Density [g/cm <sup>3</sup> ]:	ISO 1183-1	~1,29
Tensile strength [N/mm <sup>2</sup> ]:	ISO 37 type 2	11
Elongation at break [%]:	ISO 37 type 2	500
ACN content	33%	
correspond to WDK-guideline 2201 : 2020-10 "Quality characteristics of Elastomer sheets and plates"		
Ozone resistance:	non resistant	
Weather resistance:	non resistant	
Oil resistance:	resistant	
Fuel resistance:	non resistant	
Acid resistance:	resistant	
Strong bases:	resistant	
Abrasion resistance:	moderately resistant	

### WORKING TEMPERATURE RANGE

Medium	dyn. (stat.)	max.	short-term
Air	(-30) °C	+80 °C	+100 °C

### AGEING ISO 188

Conditions	Hardness	Strength	Elongation
70 h/100°C	5 Shore A	20%	25%

### ROTACURED SHEETS

Article nr.	Thickness mm	Width m	Length m
4011 27100	1.0	1.4	20
4011 27200	2.0	1.4	20
4011 27300	3.0	1.4	10
4011 27400	4.0	1.4	10
4011 27500	5.0	1.4	10
4011 27600	6.0	1.4	10
4011 27800	8.0	1.4	5
4011 27000	10.0	1.4	5

### COMPRESSION SET DIN ISO 815

Duration	Temperature	CS
22 h	+100 °C	35 %

### SWELLING ISO 1817

Medium	Conditions	Hardness	Volume
IRM 901	70 h/100°C	15 Shore A	20 %