

## EPDM/E 628

EPDM, black - high grade
Peroxide crosslinked
Certified according to Elastomer Guideline (ELL) for cold- and warm water, for gaskets and fittings
Certified according to ACS
Certified according to decree of CZ health ministry 409/2005
*SVHC-free

Hardness [Shore A]:	ISO 7619-1	70 ±5
Density [g/cm <sup>3</sup> ]:	ISO 1183-1	~1,12
Tensile strength [N/mm <sup>2</sup> ]:	ISO 37 type 2	11
Elongation at break [%]:	ISO 37 type 2	250
correspond to WDK-guideline 2201 : 2020-10 "Quality characteristics of Elastomer sheets and plates"		
Ozone resistance:	good resistant	
Weather resistance:	good resistant	
Oil resistance:	non 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	(-40) °C	+120 °C	+140 °C
Water	(-40) °C	+120 °C	+150 °C

### AGEING ISO 188

Conditions	Hardness	Strength	Elongation
70 h/125°C	10 Shore A	20%	40%

### ROTACURED SHEETS

Article nr.	Thickness mm	Width m	Length m
4011 03100	1.0	1.4	20
4011 03200	2.0	1.4	20
4011 03300	3.0	1.4	10
4011 03400	4.0	1.4	10
4011 03500	5.0	1.4	10
4011 03600	6.0	1.4	10
4011 03800	8.0	1.4	5
4011 03000	10.0	1.4	5

### COMPRESSION SET DIN ISO 815

Duration	Temperature	CS
70 h	+100 °C	30 %

### OZONE RESISTANCE ISO 1431-1

Duration	Ozone	Temperature	Crack level
48 h	200 pphm	40 °C	0 (= no cracks)

