

## Gasket materials Rubber

### Rubber Neoprene sheet Zenith Wendigo 100% on roll

Superb quality neoprene sheet, colour black, both sides smooth finish.  
 Features: CR quality with excellent resistance to weathering, ozone, heat, and frost.  
 Resistant to all non-oxidizing acids. High mechanical values.  
 Temperature range: -25° to +100°C.  
 Application: s.a in shipping and industry.

Specific gravity grs/cm <sup>3</sup>	1,4 ±0.05	DIN 53508
Hardness shore A ± 5°	65	DIN 53505
Tensile strength kg/cm <sup>2</sup> (min)	100	DIN 53504
Elongation at break (min)	400%	DIN 53504
Compression Set (70°C/24 Hrs/25% compression) (max)	40%	DIN 53517
Tear resistance (Angular)(min)	25 kg/cm	DIN 53515
Polymer content	100%	
Change in Volume at 70°C/72 Hrs in IRM oil no.1	+18%	
Change in Volume at 70°C/72 Hrs in IRM oil no.2	+23%	
Change in Volume at 70°C/72 Hrs in IRM oil no.3	+60%	
Elongation at break (%)	+10/-30	

Chemical resistance:  
 Ozone  
 Dilute acids and bases  
 Concentrated acids and bases  
 Oils  
 Solvents

Good ASM D 1149  
 Fair  
 Fair  
 Good  
 Fair



Article No.	Thickness mm	Width mm	Length mtr	Material	Colour	IMPA
21ZE65140001	1	1400	20	Neoprene	Black	81 11 31
21ZE65140002	2	1400	10	Neoprene	Black	81 11 33
21ZE65140003	3	1400	10	Neoprene	Black	81 11 34
21ZE65140004	4	1400	10	Neoprene	Black	81 11 35
21ZE65140005	5	1400	10	Neoprene	Black	81 11 36
21ZE65140006	6	1400	10	Neoprene	Black	81 11 37
21ZE65140008	8	1400	5	Neoprene	Black	81 11 38
21ZE65140010	10	1400	5	Neoprene	Black	81 11 39
21ZE65140012	12	1400	5	Neoprene	Black	81 11 40



### Rubber Neoprene sheet commercial type on roll

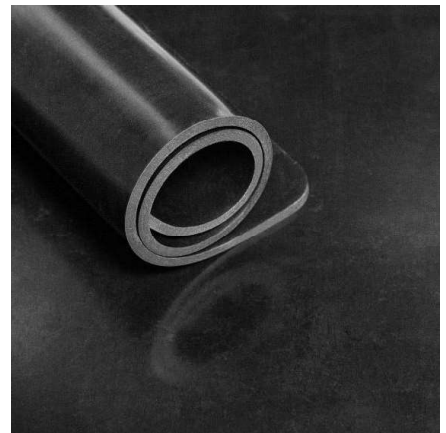
Standard quality neoprene sheet, colour black, both sides smooth finish.  
 Features: Standard quality with fair resistance to weathering, ozone, heat, and frost.  
 Fair resistant to dilute acids and bases. Standard mechanical values.  
 Temperature range: -30° to +90°C.  
 Application: s.a in shipping and industry.

Specific gravity grs/cm <sup>3</sup>	1,45 ±0.05	DIN 53508
Hardness shore A ± 5°	65	DIN 53505
Tensile strength kg/cm <sup>2</sup> (min)	40	DIN 53504
Elongation at break (min)	200%	DIN 53504
Compression Set (70°C/24 Hrs/25% compression) (max)	40%	DIN ISO 815-1
Tear resistance (Angular)(min)	18 kg/cm	DIN 53515
Polymer content	10%	
Change in Volume at 70°C/72 Hrs in IRM oil no.1	+33%	
Change in Volume at 70°C/72 Hrs in IRM oil no.2	+47%	
Change in Volume at 70°C/72 Hrs in IRM oil no.3	+90%	
Elongation at break (%)	+10/-25	

Chemical resistance:  
 Ozone  
 Dilute acids and bases  
 Concentrated acids and bases  
 Oils  
 Solvents

Fair ASM D 1149  
 Fair  
 Not recommended  
 Moderate  
 Moderate

Article No.	Thickness mm	Width mm	Length mtr	Material	Colour	IMPA
21RP805002	1	1400	20	Neoprene	Black	81 11 11
21RP805015	1.5	1400	10	Neoprene	Black	81 11 12
21RP805005	2	1400	10	Neoprene	Black	81 11 13
21RP805030	3	1400	10	Neoprene	Black	81 11 14
21RP805040	4	1400	10	Neoprene	Black	81 11 15
21RP805050	5	1400	10	Neoprene	Black	81 11 16
21RP805060	6	1400	5	Neoprene	Black	81 11 17
21RP805100	10	1400	5	Neoprene	Black	81 11 19
21RP805150	15	1400	1	Neoprene	Black	81 11 21
21RP805300	30	1400	1	Neoprene	Black	-
21RP805400	40	1400	1	Neoprene	Black	-



### Nitrile Rubber string

Standard rubber string for making O-rings.  
 Use Loctite 406 for the right adhesion. RMN No. 710157 (20 grm) or RMN No. 710159 (500 grm).

Article No.	Diameter mm	IMPA
212811N	1.78	81 30 51
212812N	2.00	81 30 52
212812NB	2.40	81 30 53
212812NC	2.62	-
212813N	3.00	81 30 54
212813NB	3.53	81 30 55
212814N	4.00	81 30 56
212814NB	4.50	81 30 57
212815N	5.00	81 0 58

Article No.	Diameter mm	IMPA
212815NB	5.33	81 30 59
212815NC	5.70	-
212816N	6.00	81 30 60
212816NB	6.50	81 30 61
212817N	7.00	81 30 62
212818N	8.00	81 30 63
212818NB	8.40	-
212819N	9.00	81 30 64
212820N	10.00	81 30 65

Article No.	Diameter mm	IMPA
212822N	12.00	-
212823N	13.00	-
212824N	14.00	-
212825N	15.00	-
212826N	16.00	-
212828N	18.00	-
212830N	20.00	-
212835N	25.00	-
212840N	30.00	-



## Gasket materials Rubber

### Sponge rubber sheet

Neoprene with closed cell without skin surface. Temperature resistant -40 °C +90 °C and short peak +110 °C. Hardness (shore A) 10/15 shore A, Density 160 kg/m<sup>3</sup>, DIN EN ISO 845. As sealing in construction, shipping and industry. Colour black.

Article No.	Thickness mm	Width mm	Length mtr	Material	Colour	IMPA
21RP81005	5	1000	2	Neoprene	Black	-
21RP81010	10	1000	2	Neoprene	Black	-
21RP812NB	12	1000	2	Neoprene	Black	-
21RP812NC	15	1000	2	Neoprene	Black	-
21RP813N	20	1000	2	Neoprene	Black	-
21RP813NB	25	1000	2	Neoprene	Black	-



**Other rubber gasket sheet materials on request available. Contact our product specialists.**

### O-Ring assortment kits

Precision O-rings, NBR70-FPM75. Designed for marine and industrial use.

Article No.	Description	Pcs	Number of sizes	Material	IMPA
211001	O-ring set No.1 (AF) from 2.9x1.78 up to 18.64x3.53	355	25	NBR	-
211002	O-ring set No.2 (AF) from 12.42x1.78 up to 50.16x5.34	290	24	NBR	81 30 72
211004	O-ring set No.3 (M) from 4x1.5 up to 32x3	525	30	NBR	81 30 80
211003	O-ring set No.4 (M) from 16x2 up to 50x5	290	24	NBR	-



### O-Ring repair kit Loctite

O-ring kit complete with knife and adhesive 406 20 gram. Cutting and splicing device and knife supplied in the kit. Contains 5 standard diameters (Ø 1.6; 2.4; 3.0; 5.7; 8.4 mm ) NBR rubber string.

Article No.	Description	Pcs	Number of sizes	Material	IMPA
710160	Loctie O-ring Kit complete	1	5	Buna N	-



### Universal rubber flange gaskets PN16

Standard rubber flange gaskets with bolt pattern according to DIN PN16

Article No.	Flange DN	IMPA	Article No.	Flange DN	IMPA	Article No.	Flange DN	IMPA
21F00015	15	-	21F00065	65	-	21F00250	250	-
21F00020	20	-	21F00080	80	-	21F00300	300	-
21F00025	25	-	21F00100	100	-	21F00350	350	-
21F00032	32	-	21F00125	125	-	21F00400	400	-
21F00040	40	-	21F00150	150	-	21F00450	450	-
21F00050	50	-	21F00200	200	-	21F00500	500	-



### Watertight door packing Moss rubber

Seawater resistant sponge rubber EPDM is an extruded profile and is provided with a dense and smooth skin all around, but the inside is blown and therefore sponge-shaped. This material is available in many different profile types. Usually it is square or rectangular shaped profile. This rubber profiles are extruded and not cut from sheet like cellular rubber. Properties include reasonably high mechanical strength and resilience. Temperature resistant -40 °C +70 °C. It is supplied in lengths of 10 meter.

Article No.	Size mm	IMPA	Article No.	Size mm	IMPA	Article No.	Size mm	IMPA
21RD1581006	10x6	81 50 16	21RD1582515	25x15	81 50 01	21RD1584025	40x25	81 50 10
21RD1581008	10x8	81 50 17	21RD1582520	25x20	81 50 29	21RD1584030	40x30	81 50 11
21RD1581010	10x10	81 50 18	21RD1582525	25x25	81 50 30	21RD1584035	40x35	81 50 12
21RD1581208	12x8	81 50 19	21RD1583010	30x10	81 50 31	21RD1584040	40x40	81 50 13
21RD1581210	12x10	81 50 20	21RD1583015	30x15	81 50 02	21RD1584510	45x10	81 50 38
21RD1581212	12x12	81 50 21	21RD1583020	30x20	81 50 03	21RD1584520	45x20	81 50 14
21RD1581510	15x10	81 50 22	21RD1583025	30x25	81 50 32	21RD1584525	45x25	81 50 15
21RD1581515	15x15	81 50 23	21RD1583510	35x10	81 50 34	21RD1584530	45x30	81 50 40
21RD1582006	20x6	81 50 24	21RD1583515	35x15	81 50 04	21RD1584540	45x40	81 50 41
21RD1582008	20x8	-	21RD1583520	35x20	81 50 05	21RD1584545	45x45	81 50 42
21RD1582010	20x10	81 50 25	21RD1583525	35x25	81 50 06	21RD1585005	50x5	81 50 43
21RD1582012	20x12	-	21RD1583530	35x30	81 50 07	21RD1585010	50x10	81 50 44
21RD1582015	20x15	81 50 26	21RD1583535	35x35	81 50 36	21RD1585015	50x15	81 50 45
21RD1582020	20x20	81 50 27	21RD1584010	40x10	81 50 37	21RD1585020	50x20	81 50 46
21RD1582510	25x10	81 50 28	21RD1584015	40x15	81 50 08	21RD1585025	50x25	81 50 47
21RD1582512	25x12	-	21RD1584020	40x20	81 50 09	21RD1585030	50x30	81 50 48

