



1			2		3					Suitable for
d ₁	d ₂	d ₃	d ₁	d ₂	d ₃	d ₄	s			
Nominal dimensions - Installation space			Actual dimensions - Sealing rings, unassembled							
10	6	10,8	9,5	6,1	10,2	5,4	2	GN 1581		
11	7	11,8	10,2	6,8	10,9	6,1	2	GN 1580 / GN 1581 / GN 1582 / GN 8341 / GN 8351		
12	8	12,8	11,2	7,8	11,9	7,1	2	GN 429 / GN 1580		
13	9	13,8	12,2	8,8	12,9	8,1	2	GN 1581 / GN 1582 / GN 8341 / GN 8351		
14	10	14,8	13,2	9,8	13,9	9,1	2	GN 75.6 / GN 305 / GN 1580		
16	12	16,8	15,1	11,7	15,8	11,0	2	GN 75.6 / GN 429 / GN 5064 / GN 1581 / GN 1582 / GN 8341 / GN 8351		
18	14	18,8	17,0	13,6	17,7	12,9	2	GN 75.6 / GN 305 / GN 1580 / GN 5435 / GN 5445		
19	15	19,8	17,9	14,5	18,6	13,8	2	GN 1581 / GN 1582		
20	16	20,8	18,9	15,5	19,6	14,8	2	GN 429		
21	17	21,8	19,9	16,4	20,5	15,7	2	GN 1580 / GN 5064 / GN 5435 / GN 5445		
22	18	22,8	20,8	17,4	21,4	16,7	2	GN 305 / GN 1150 / GN 1581 / GN 8170 / GN 6226		
25	21	25,8	23,6	20,2	24,3	19,5	2	GN 19 / GN 20 / GN 20.1 / GN 1580 / GN 5064		
28	24	28,8	26,5	23,1	27,2	22,4	2	GN 19 / GN 20 / GN 20.1 / GN 1581 / GN 5080 / GN 5090 / GN 6226		
30	26	30,8	28,5	25,1	29,2	24,4	2	GN 1150		
32	28	32,8	30,4	27,0	31,1	26,3	2	GN 19 / GN 20 / GN 20.1 / GN 1580		
34	30	34,8	32,3	28,9	34,0	28,2	2	GN 6226		
36	32	36,8	34,2	30,8	34,8	30,1	2	GN 19 / GN 20 / GN 20.1		
40	36	40,8	38,1	34,7	38,8	34	2	GN 1580		
42	38	42,8	39,9	36,5	40,6	35,8	2	GN 5080 / GN 5090		

Specification

Hydrogenated acrylonitrile butadiene rubber	HNBR	
<ul style="list-style-type: none"> Operating temperature -25 °C to +150 °C FDA compliant material Blue Hardness 85 ±5 Shore A 	85	
Ethylene propylene diene rubber	EPDM	
<ul style="list-style-type: none"> Operating temperature -40 °C to +120 °C FDA compliant material Blue Hardness 85 ±5 Shore A 	85	
Fluorine rubber	FKM	
<ul style="list-style-type: none"> Operating temperature -5 °C to +200 °C FDA compliant material Blue Hardness 85 ±5 Shore A 	85	

RoHS

Components with cylindrical mounting surfaces which are installed in hygienic areas can be sealed and mounted without dead spaces using sealing rings GN 7600. All standard parts equipped and delivered with sealing rings GN 7600 are listed in the table. For replacement, the corresponding sealing rings can be ordered individually.

As delivered, or unassembled, the sealing rings have the „actual dimensions” as stated in the table. To ensure a firm seating and reliable sealing, a corresponding installation space must be provided in the component. This ensures that when the sealing ring is installed, it will be subject to the necessary pressure without excess load. All surfaces which are in contact with the sealing ring should have a minimum surface quality of Ra 0.8 µm.

Technical Information

Plastic Characteristics

Page

QVX

How to order

1	d ₁
2	d ₂
3	s
4	Material
5	Hardness

GN 7600-12-8-2-HNBR-85

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10