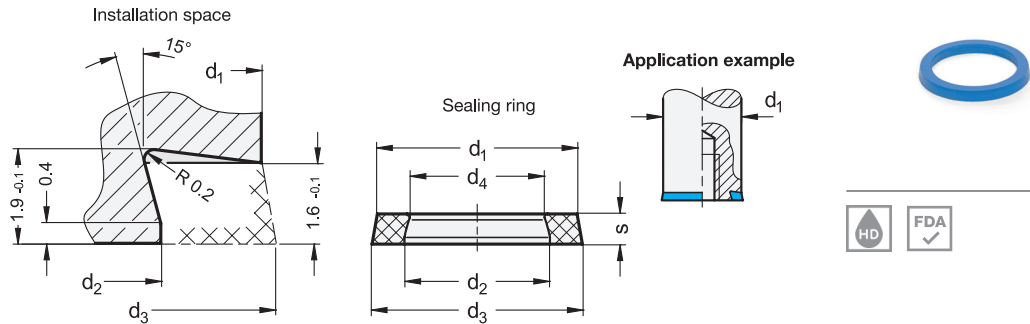


Metric



Specification	
Hydrogenated acrylonitrile butadiene rubber	HNBR
• Blue • Operating temperature from -13 °F to +302 °F (-25 °C to +150 °C) • FDA compliant material • Hardness 85 ±5 Shore A	
	85
Ethylene propylene diene rubber	EPDM
• Blue • Operating temperature from -40 °F to +248 °F (-40 °C to +120 °C) • FDA compliant material • Hardness 85 ±5 Shore A	
	85
Fluorine rubber	FKM
• Blue • Operating temperature from +23 °F to +392 °F (-5 °C bis +200 °C) • FDA compliant material • 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. Standard parts that are supplied with sealing rings GN 7600 are listed in the table and can be supplied individually in case service is required.

When delivered, or when not assembled, the sealing rings have the “actual dimensions” stated in the table. To ensure a firm seating and a reliable sealing, an installation space as shown in the sketch must be provided on the component. This ensures that when the sealing ring is mounted, it will be subject to the necessary pressure without excess load. All surfaces that are in contact with the sealing ring should have a minimum surface quality of Ra 0.8 µm.

Technical Information	Page
Plastic Characteristics	QVX

How to order	
1	Outer diameter d ₁
2	Inner diameter d ₂
3	Width s
4	Material
5	Hardness

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

Metric table

1

2

3

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	
0.39	0.24	0.43	0.37	0.24	0.40	0.21	0.08	
11	7	11.8	10.2	6.8	10.9	6.1	2	
0.43	0.28	0.46	0.40	0.27	0.43	0.24	0.08	
12	8	12.8	11.2	7.8	11.9	7.1	2	
0.47	0.31	0.50	0.44	0.31	0.47	0.28	0.08	
13	9	13.8	12.2	8.8	12.9	8.1	2	
0.51	0.35	0.54	0.48	0.35	0.51	0.32	0.08	
14	10	14.8	13.2	9.8	13.9	9.1	2	
0.55	0.39	0.58	0.52	0.39	0.55	0.36	0.08	
16	12	16.8	15.1	11.7	15.8	11	2	
0.63	0.47	0.66	0.59	0.46	0.62	0.43	0.08	
18	14	18.8	17	13.6	17.7	12.9	2	
0.71	0.55	0.74	0.67	0.54	0.70	0.51	0.08	
19	15	19.8	17.9	14.5	18.6	13.8	2	
0.75	0.59	0.78	0.70	0.57	0.73	0.54	0.08	
20	16	20.8	18.9	15.5	19.6	14.8	2	
0.79	0.63	0.82	0.74	0.61	0.77	0.58	0.08	
21	17	21.8	19.9	16.4	20.5	15.7	2	
0.83	0.67	0.86	0.78	0.65	0.81	0.62	0.08	
22	18	22.8	20.8	17.4	21.4	16.7	2	
0.87	0.71	0.90	0.82	0.69	0.84	0.66	0.08	
25	21	25.8	23.6	20.2	24.3	19.5	2	
0.98	0.83	1.02	0.93	0.80	0.96	0.77	0.08	
28	24	28.8	26.5	23.1	27.2	22.4	2	
1.10	0.94	1.13	1.04	0.91	1.07	0.88	0.08	
30	26	30.8	28.5	25.1	29.2	24.4	2	
1.18	1.02	1.21	1.12	0.99	1.15	0.96	0.08	
32	28	32.8	30.4	27	31.1	26.3	2	
1.26	1.10	1.29	1.20	1.06	1.22	1.04	0.08	
34	30	34.8	32.3	28.9	34	28.2	2	
1.34	1.18	1.37	1.27	1.14	1.34	1.11	0.08	
36	32	36.8	34.2	30.8	34.8	30.1	2	
1.42	1.26	1.45	1.35	1.21	1.37	1.19	0.08	
40	36	40.8	38.1	34.7	38.8	34	2	
1.57	1.42	1.61	1.50	1.37	1.53	1.34	0.08	
42	38	42.8	39.9	36.5	40.6	35.8	2	
1.65	1.50	1.69	1.57	1.44	1.60	1.41	0.08	

Dimensions in: millimeters / inches

Suitable for
GN 1581
GN 1580 / GN 1581 / GN 1582 / GN 8341 / GN 8351
GN 429 / GN 1580
GN 1581 / GN 1582 / GN 8341 / GN 8351
GN 75.6 / GN 305 / GN 1580
GN 75.6 / GN 429 / GN 1581 / GN 1582 / GN 5064 / GN 8341 / GN 8351
GN 75.6 / GN 305 / GN 1580 / GN 5435 / GN 5445
GN 1581 / GN 1582
GN 429
GN 1580 / GN 5064 / GN 5435 / GN 5445
GN 305 / GN 1150 / GN 1581 / GN 8170 / GN 6226
GN 19 / GN 20 / GN 20.1 / GN 1580 / GN 5064
GN 19 / GN 20 / GN 20.1 / GN 1581 / GN 5080 / GN 5090 / GN 6226
GN 1150
GN 19 / GN 20 / GN 20.1 / GN 1580
GN 6226
GN 19 / GN 20 / GN 20.1
GN 1580
GN 5080 / GN 5090