



Metric table

Dimensions in: millimeters - inches

d ₁ h9	d ₂ H9	d ₃ H9	r max.	d ₁	d ₂	d ₃	d ₄	s	Suitable for
Nominal dimensions - installation space				Actual dimensions - wipers, unassembled					
12 0.472	18 0.709	20 0.787	0.4 0.02	11.2 0.44	18.2 0.72	20.2 0.80	12.6 0.50	6.8 0.27	GN 19 / GN 20
14 0.551	20 0.787	22 0.866	0.4 0.02	13.2 0.52	20.2 0.80	22.2 0.87	14.6 0.57	6.8 0.27	GN 1150
16 0.630	22 0.866	24 0.945	0.4 0.02	15.2 0.60	22.2 0.87	24.2 0.95	16.6 0.65	6.8 0.27	GN 19 / GN 20 / GN 8170
20 0.787	26 1.024	28 1.102	0.4 0.02	19.3 0.76	26.3 1.04	28.3 1.11	20.7 0.81	6.8 0.27	GN 19 / GN 20 / GN 1150
24 0.945	30 1.181	32 1.260	0.4 0.02	23.3 0.92	30.3 1.19	32.3 1.27	24.7 0.97	6.8 0.27	GN 19 / GN 20

Specification

- Thermoplastic polyurethane **TPU**
- Blue
- Temperature resistant from -4 °F to 230 °F (-20 °C to 110 °C)
- FDA compliant
- 95 ±5 shore A **95**
- ISO Fundamental Tolerances → page QVX
- Plastic Characteristics → page QVX
- RoHS compliant

Information

When used in hygienic areas, wipers GN 7607 can be used to seal axially or radially moving components with a cylindrical cross-section against their bearing position. With their specially shaped sealing lip, the wipers prevent the formation of dead spaces where dust can accumulate. Commercially available wipers are not suitable for this purpose due to a 45° chamfer on the inner edge of the sealing lip.

All standard parts equipped and delivered with wipers GN 7607 are listed in the table. For replacement, the corresponding wipers can be ordered individually.

As delivered, or unassembled, the wipers have the “actual dimensions” as stated in the table. To guarantee a secure fit and a reliable seal, the specified installation space must be provided at the bearing position. This ensures that the wiper undergoes the necessary deformation during installation. All surfaces in contact with the wiper should have a minimum surface quality of Ra 0.8 µm.

see also...

- Product Family Hygienic Design → page QVX
- Principles for Hygienic Design → page QVX
- Sealing Rings GN 7600 Hygienic Design → page QVX

How to order

GN 7607-16-TPU-95

- 1 Inner diameter d₁
- 2 Material
- 3 Hardness