

# Tubings made of borosilicate glass 3.3

Pape Strahlenschutz GmbH 

Authorised Distributor of:

**SCHOTT**  
glass made of ideas

## High Quality Glass tubings

meet all significant standards for technical glass such as ISO 3585:1998 and ASTM E438 Type I. Good Manufacturing Practice (GMP) is a guideline for production processes and production environment (ISO 15378).

In addition to measuring done within the production lines, random samples are regularly taken during the production process. The in-house laboratory tests these samples chemically, physically and visually in order to verify and expand upon the automatic testing. Once the finished tubing is packaged and ready for shipment, all measuring results and packaging information is archived for any later access that may be required.

Tubings made of borosilicate glass 3.3 is very resistant to water, neutral and acid solutions, strong acids and their compounds, as well as against chlorine, bromine, iodine and organic substances. Hydrofluoric acid, hot phosphoric acid, and alkaline solutions attack the glass surface depending on concentration and temperature, thus applications must be individually tested.



## Product advantages

- » high chemical resistance, Durability in corrosive environments thanks to high
- » high thermal capacity and resistance to good electrical properties thermal shock
- » good electrical properties, Excellent for high-voltage applications, thanks to its good electrical insulating characteristics with high dielectric strength



## Contact

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## » Range of dimensions

Outside-diameter (OD) in mm	Wall thickness (WT) in mm	Outside-diameter (OD) in mm	Wall thickness (WT) in mm	Outside-diameter (OD) in mm	Wall thickness (WT) in mm	Outside-diameter (OD) in mm	Wall thickness (WT) in mm
3	0,7	26	1,4/2,0/2,8	60	2,2/3,2/4,2/5,0/7,0/9,0	160	5,0/7,0
4	0,8	28	1,4/2,0/2,8	65	2,2/3,2/4,2/5,0	165	5,0/7,0
5	1,0/1,5	30	1,4/2,0/2,8	70	2,2/3,2/4,2/5,0/7,0/9,0	170	5,0/7,0/9,0
6	1,0/1,5	32	1,4/2,0/2,8	75	2,2/3,2/4,2/5,0	180	5,0/7,0/9,0
7	1,0/1,5	33	1,4/2,0/2,8	80	2,5/3,5/5,0/9,0	190	5,0/7,0
8	1,0/1,5	34	1,4/2,0/2,8	85	2,5/3,5/5,0	200	5,0/7,0/9,0
9	1,0/1,5	36	1,4/2,0/2,8	90	2,5/3,5/5,0/7,0/9,0	215	7,0/9,0
10	1,0/1,5/2,2	38	1,4/2,0/2,8	95	2,5/3,5/5,0	225	7,0/9,0
11	1,0/1,5/2,2	40	1,6/2,3/3,2/5,0	100	2,5/3,0/3,5/5,0/7,0/9,0	240	9,0
12	1,0/1,5/2,2	42	1,6/2,3/3,2	105	3,0/5,0	250	5,0/7,0/9,0
13	1,0/1,5/2,2	44	1,6/2,3/3,2	110	3,0/5,0/7,0	270	5,0/7,0/9,0
14	1,0/1,5/2,2	45	5,0	115	3,0/5,0/7,0	300	5,0/7,0/9,0
15	1,2/1,8/2,5	46	1,6/2,3/3,2	120	3,0/5,0/7,0/9,0	315	7,0/9,0
16	1,2/1,8/2,5	48	1,6/2,3/3,2	125	5,0/9,0	325	9,0/10,0
17	1,2/1,8/2,5	50	1,8/2,5/3,5/5,0/7,0/9,0	130	3,0/5,0/7,0/9,0	350	5,0
18	1,2/1,8/2,5	52	1,8/2,5/3,5	135	5,0/7,0	365	7,0
19	1,2/1,8/2,5	54	1,8/2,5/3,5	140	3,0/5,0/7,0/9,0	400	6,0
20	1,2/1,8/2,5	55	1,8/2,5/3,5	145	5,0	415	7,0
22	1,2/1,8/1,5	56	1,8/2,5/3,5	150	5,0/7,0	420	10,0
24	1,2/1,8/1,5	58	1,8/2,5/3,5	155	5,0/7,0		

Length (L) 600 to 10.000. These dimensions cannot be selected in any combination of OD, WT, ID and L. Further dimensions available upon request. Requirement: successful technical feasibility test. Shorter lengths are available with post-processing upon request.

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