

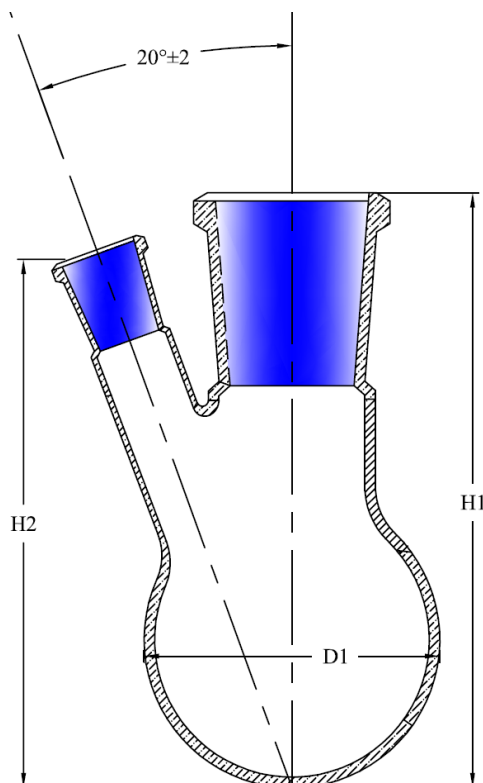
LABSOLUTE® TWO NECK ROUND BOTTOM FLASKS with ground joint and angled side neck (20°)

Properties:

- Made of borosilicate glass 3.3
- According to DIN 12394
- Center neck with NS 14/23 or NS 29/32
- Side neck angled (20°) with NS 14/23
- Perfect chemical resistance
- High chemical resistance

Because of the round shape the flasks are ideal for a consistent heating of liquids. Due to the standard ground joint the flasks can be easily combined with several other glass labware like condensers etc.

Technical drawing / picture:



Th. Geyer GmbH & Co. KG

Value table:

Item no.	V ml	NS CN	NS SN	Ø mm	H1 mm	H2 mm	S mm
7.690 130	25	14/23	14/23	41±1	85±2	80	0.7
7.690 131	50	14/23	14/23	51±1	90±2	85	0.8
7.690 132	100	14/23	14/23	64±2	105±3	95	1.0
7.690 133	100	29/32	14/23	64±2	105±3	95	1.0
7.690 134	250	29/32	14/23	85±2	140±3	120	1.0
7.690 135	500	29/32	14/23	105±3	163±4	135	1.3
7.690 136	1,000	29/32	14/23	131±3	200±4	160	1.5

Description of the abbreviations in the value table:

Item no.	Item number
V	Nominal volume of the flask
NS CN	Nominal neck size of the center neck
NS SN	Nominal neck size of the side necks
Ø	Maximum diameter of the flask
H1	Total height of the flask
H2	Height of the flask from bottom to side neck
S	Minimum thickness of the glass

Physical properties of borosilicate glass 3.3 acc. to ISO 3585:

Eigenschaft	Wert
Linear coefficient of thermal expansion α (20°C;300°C) acc. to ISO 7991	$3.3 \cdot 10^{-6} \text{ K}^{-1}$
Transformation temperature T_g	525 °C
Permitted max. working temperature	500 °C
Density ρ (20 °C)	2.23 g/cm ³
Coefficient of thermal conductivity λ (20 to 100 °C)	1.2 Wm ⁻¹ K ⁻¹
Hardness (according to Mohs)	6°
Refractive index n_D ($\lambda = 587.6 \text{ nm}$)	1.473

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