



ZYAROCK®

Glass Melting Pots - Purity, Durability and Efficiency

Partners in performance with Fused Silica



A Customized Solution



Quality and efficiency

Vesuvius offers ZYAROCK® melting pots for the melting of different glass types such as borosilicate, optical glass, coloured glass, opal glass, crystal glass, electronic glass, and other formulations.

Advantages

- Ready to use product
- No preheating or conditioning
- Amorphous SiO_2 material structure provides excellent glass melt condition
- Consistent material behaviour throughout the industrial manufacturing process
- Customized shapes
- High purity composition
- Proven comparable results vs. Fused Quartz



Unique Product Properties

Vesuvius' values

Vesuvius applies rigid quality assurance and quality control procedures based on international standards.

Thermal conductivity

1.396 W/m.k(1000°)

Physical properties

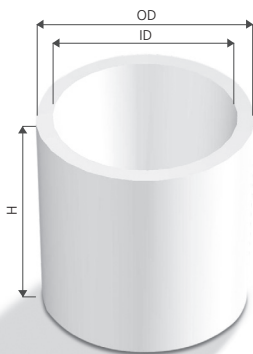
- Bulk density 1.94 g/cm³
- Thermal expansion 0.6 10⁻⁶C⁻¹

Storage and unpacking conditions

- Store and unpack in a dry place
- Should the material become damp during storage, simply dry at 90°C for 24 hours minimum before use.

Chemical analysis

- SiO₂ > 99.7%
- Fe₂O₃ < 0.02 %



VESUVIUS Ref.	OD (mm)	ID (mm)	H (mm)	V (liters)
DPL 0037	602	506	650	87
DPL 0029	800	700	675	197
DPL 0011	944	826	675	264
DPL 0045	950	834	740	285
DPL 0060	1200	1080	720	495

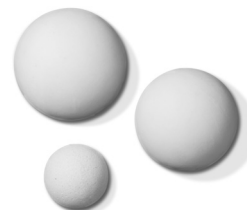
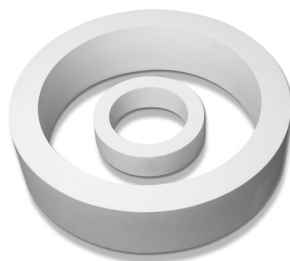
Complementary products

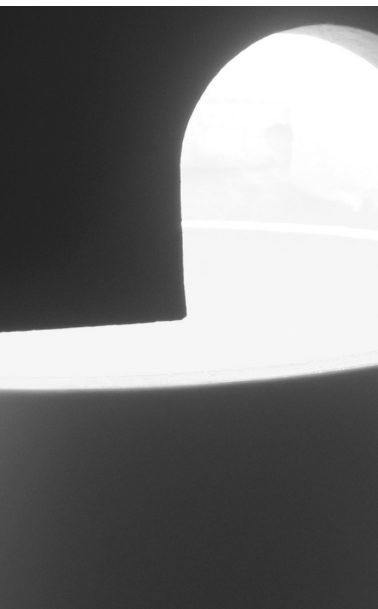
Gathering Rings

Vesuvius provides a wide range of ZYAROCK® gathering rings, available from 150 to 650 mm diameter.

Gathering Balls

Vesuvius provides a complete range of ZYAROCK® gathering balls, available from 30 to 220 mm.





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