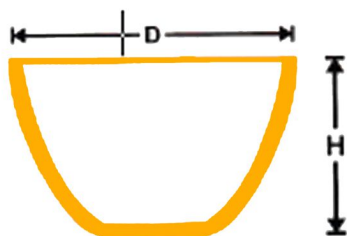




We make best Silicawares with

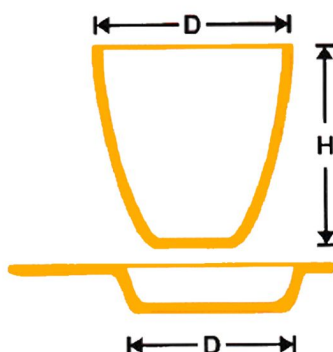
INNOVATION, **D**EDICATION, **T**ECHNOLOGY





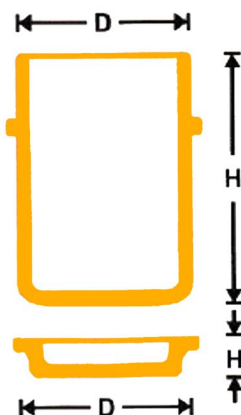
CRUCIBLE LOW FORM-TRANSLUCENT

CODE No.	EXTERNAL DIMENSIONS		NOMINAL CAPACITY (ml)
	HEIGHT (MM)	DIAMETER (mm)	
GLS/LFC/15	25	41	15
GLS/LFC/25	28	47	25
GLS/LFC/50	37	57	50
GLS/LFC/80	45	67	80
GLS/LFC/100	50	71	100
GLS/LFC/150	51	82	150



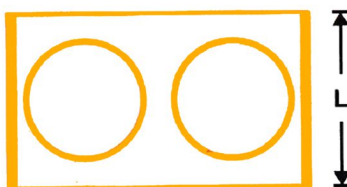
TALL FORM CRUCIBLE-TRANSLUCENT

CODE No.	EXTERNAL DIMENSIONS		NOMINAL CAPACITY (ml)
	HEIGHT (MM)	DIAMETER (mm)	
GLS/TFC/20	38	35	20
GLS/TFC/30	38	43	30
GLS/TFC/50	51	51	50



VOLATILE MATTER CRUCIBLE WITH LID (As per specifications)

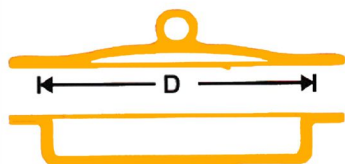
CODE No.	EXTERNAL DIMENSIONS		NOMINAL CAPACITY (ml)
		HEIGHT (mm)	
GLS/VM/C	CRUCIBLE	38	25
GLS/VM/L	LID		
GLS/VM/P	PLUNGER		



MUFFLE TRAYS

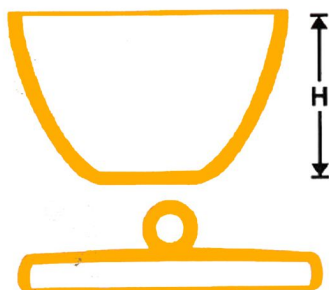
CODE No.	EXTERNAL DIMENSIONS	
	NORMAL LENGTH (mm)	NO.OF HOLES
GLS/MT/2	39	2
GLS/MT/4	76	4

MOISTURE DISH WITH LID- TRANSLUCENT



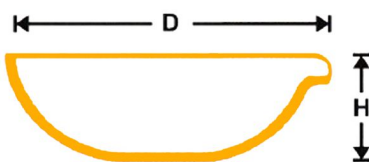
CODE No.	EXTERNAL DIMENSIONS		NOMINAL CAPACITY (ml)
	HEIGHT (mm)	DIAMETER (mm)	
GLS/MD/38	11	38	8
GLS/MD/54	12	54	20
GLS/MD/675	12	75	35

SWELLING INDEX CRUCIBLE WITH LID TRANSLUCENT



CODE No.	EXTERNAL DIMENSIONS		NOMINAL CAPACITY (ml)
	HEIGHT (mm)	DIAMETER (mm)	
GLS/CSN/41	26	41	17

ROUND BOTTOM BASINS WITH SPOUT TRANSLUCENT

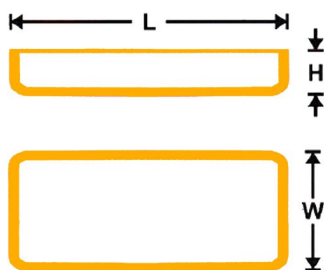


CODE No.	EXTERNAL DIMENSIONS		NOMINAL CAPACITY (ml)
	HEIGHT (mm)	DIAMETER (mm)	
GLS/RB/055	23	55	20
GLS/RB/075	27	75	45
GLS/RB/087	33	87	70
GLS/RB/094	36	94	85
GLS/RB/100	38	100	100
GLS/RB/113	47	113	200

LIDS-TRANSLUCENT GLAZED RING HANDLE TYPE

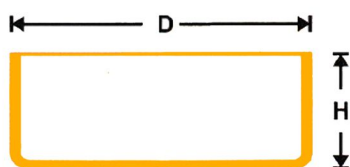


CODE No.	EXTERNAL DIMENSIONS	
	HEIGHT (mm)	DIAMETER (mm)
GLS/LFL/15		41
GLS/LFL/25		47
GLS/LFL/50		57
GLS/LFL/80		67
GLS/LFL/150		82
GLS/LFL/100		82



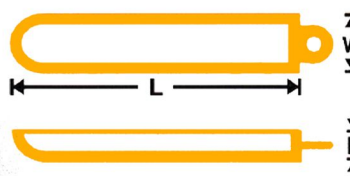
RECTANGULAR CAPSULES

CODE No.	EXTERNAL DIMENSIONS			NOMINAL CAPACITY (ml)
	HEIGHT (mm)	WIDTH (mm)	DEPTH (mm)	
GLS/RC/60	12	28	60	10
GLS/RC/68	12	39	68	20
GLS/RB/52	18	42	52	25



CIRCULAR CAPSULES

CODE No.	EXTERNAL DIMENSIONS		NOMINAL CAPACITY (ml)
	HEIGHT (mm)	DIAMETER (mm)	
GLS/CC/10	15	40	10
GLS/CC/20	15	48	20
GLS/CC/25	15	54	25
GLS/CC/50	18	78	50
GLS/CC/100	28	87	100
GLS/CC/135	15	69	35
GLS/CC/145	28	56	45



BOATS- TRANSLUCENT, GLAZED, COMBUSTION WITH HANDLE

CODE No.	EXTERNAL DIMENSIONS		HEIGHT (ml)
	LENGTH (mm)	WIDTH (mm)	
GLS/B/9	50	15	9
GLS/B/10	77	12	10
GLS/B/11	78	17	11
GLS/B/12	78	20	12
GLS/B/12	103	20	12



HIGH RESISTANCE TO CHEMICAL ATTACK



HIGH TEMPERATURE RESISTANCE & DURABLE



GLOSIL (Formerly INSIL) is manufacturing fused silica laboratory ware, from pure selected indigenous raw material. The technology has been evolved after years of research and development. The purity of silica obtained is as high as 99.8% from advanced manufacturing process involving the usage of amorphous silica & the high purity silica; fused to obtain a highly homogenous mass.

The process is highly advanced and refined to avoid defects and to maintain uniform wall thickness and shape in the final products, which are inherent in the fabrication process : the uniformity is maintained in the diameter, height & wall thickness of the products.

GLOSIL products are being used in QC labs, Collieries, Steel plants, Cement plants, Chemical & Industrial lab all over the world.

THE GLOSIL ADVANTAGE

GLOSIL products conforms to BS standards and are virtually unaffected by acids like H_2SO_4 , HNO_3 , HCl . They have low co-efficient of expansion and consistency of weight - average co-efficient of expansion $0^\circ C$ to $8000^\circ C$ - $5.5 \times 10^{-7} / ^\circ C$

Physical Properties

Density	2.2g/cm ³
Hardness	6-7 Mobs
Poisson's Ratio	0-17
Young's Modulus	7.4×10^5 kgs / cm ²
Tensile Strength	600 - 700 kg / cm ²

Temperature

Softening Temperature	1700 °C
Annealing Temperature	1150 °C
Working Temperature	1900 °C to 2000 °C
Operating Temperature	
Continuos -	1050°C
Intermittent -	1350 °C

CAUTION

Continuous use of silicaware above 1000 °C can lead to devitrification, which will lead to breakage on repeated use due to the crystalline phase. Hot Alkalies and certain metal oxides react on Silica. It is attacked by HF and H_3PO_4 at high temperature.

Other product range:

Beaker, Basin Deep form with spout, Basin Flat form with spout, Crucibles Broad Base, and any other size or shape as per requirements