CERAN, Protective laboratory plates :

CERAN protection plates solve a problem in the laboratory which could not be avoided previously when using conventional asbestos mats. On heating, it does not release substances which are harmful to health. Apart from this main advantage of CERAN glass ceramic laboratory protective plate compared with asbestos, the use of which has been restricted or prohibited in the mean time in some countries, there are further convincing reasons for replacing the asbestos / wire mesh in all laboratories by CERAN protective plates.

Saving in energy and time

The good permeability of CERAN protective plates for infrared radiation results in heat energy transfer to the material to be heated with low losses. This saves 20% of time and energy. In addition, there is room for several items on the flat square area.

Chemically resistant

When working in the laboratory, boiling over and spilling of aggresive
is unavoidable. Even highly aggresive media can do no damage to the CERAN laboratory protective plate.

High temperature resistance

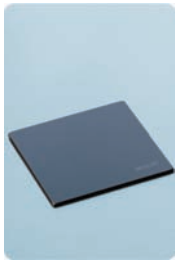
Application ranging from -200°C to +700°C.
A particular advantage of CERAN laboratory protective plate is their high continuous operation temperature.

Durability at
700°C - 6000 h
750°C - 750 h
800°C - 100 h

Even when the hot plate is quenched with cold water, there is no risk of fracture, since the resistance to temperature shock is greater than 650°C. In order to avoid overheating, care must be taken that the above mentioned limits are not exceeded when working with a bunsen burner. CERAN protective laboratory plate retains its shape and flatness and does not age.

Laboratory Protection Plates, Made from Glass Ceramic, CERAN
Supply will not include Metal Stand

Cat No.	Plate Dimensions mm	Qty. Per Pack Pcs
23821 53	135 x 135	1
23821 57	155 x 155	1
23821 58	175 x 175	1



Bell Jars with Knob, Clear Glass, RIVIERA

Cat No.	Height x Dia mm	Qty. Per Pack Pcs
71800 180	180 x 120	1
71800 200	200 x 150	1
71800 250	250 x 150	1
71800 300	300 x 200	1

Bell Jars with Knob, DURAN

Cat No.	Height x Dia mm	Qty. Per Pack Pcs
24460 59	250 x 185	1
24460 66	255 x 260	1
24460 69	300 x 315	1

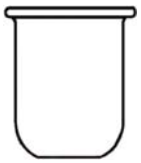
Museum Jars with Ground-in Glass Plate, DURAN

Cat No.	H x I x B mm	Qty. Per Pack Pcs
21363 05	100 x 060 x 050	10
21363 11	120 x 100 x 050	1
21363 13	130 x 130 x 050	1
21363 19	150 x 150 x 050	1
21363 47	210 x 210 x 100	1
21363 58	250 x 250 x 140	1

KETTLES offered below are designed for organic reactions of viscous liquids. Covers are provided with openings containing interchangeable joints for quick assembly with condensers and stirrers.

Kettles, Reaction, Made from Heat Resistant, Low Expansion Borosilicate Glass, RIVIERA

Cat No.	Capacity ml	Body Dia. mm	Height mm	Qty. Per Pack Pcs
74600 05	500	95	178	1
74600 10	1000	108	178	1
74600 20	2000	140	190	1
74600 40	4000	140	343	1



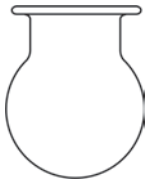
Bottoms for Reaction Kettles, Made from Heat Resistant, Low Expansion Borosilicate Glass, RIVIERA

Cat No.	Capacity ml	Qty. Per Pack Pcs
74610 05	500	1
74610 10	1000	1
74610 20	2000	1
74610 40	4000	1

Covers for Reaction Kettles, Made from Heat Resistant, Low Expansion Borosilicate Glass, RIVIERA

Cat No.	Capacity ml	Qty. Per Pack Pcs
74620 05	500	1
74620 10	1000	1
74620 20	2000	1
74620 40	4000	1

Covers for 500 & 1000ml capacity are interchangeable, with four 24/29 I/C joints. For 2000 & 4000ml capacity covers have three 24/29 & one 34/35 I/C joint



Vessels, Wide Mouth, Flat Flange, 100 mm I. D. & 150 mm O. D., Made from DURAN

Cat No.	Capacity ml	Height mm	Qty. Per Pack Pcs
40009 01	1000	170	1
40009 02	2000	205	1
40009 05	5000	260	1
40009 10	10000	320	1
40009 20	20000	400	1

Lids for Reaction Vessels, Flat Flange and Interchangeable Joints, Made from Heat Resistant, Low Expansion Borosilicate Glass, RIVIERA

Cat No.	Centre Joint	Parallel Joint	Side Joint 5°	Side Joint 10°	Side Joint 15°	Qty. Per Pack Pcs
74700 2232	19/26	19/26	24/29	19/26		1
74700 2111	19/26	14/23	14/23	14/23	29/32	1
74700 4111	29/32	14/23	14/23	14/23	29/32	1