Flexible Fabric Heating Mantles

Get better heating with conforming flexible fabric

– Maximum temperature of 842°F (450°C)

A. Hemispherical Heating Mantles feature insulated glass fabric that conforms to unusual vessel shapes. Steel extension supports (sold separately below) are required to support mantle and to allow attachment to ring stands. Supports have fabric strap basket to hold mantles; do not place mantle directly on ring stand.

Mantles require a controlled electrical power source to prevent overheating.

Watts	Flask size (mL)	Dimensions (OD† x H)		120 VAC models		240 VAC models	
		in.	cm	Catalog number	Price	Catalog number	Price
60	50	4½ x 1¾	11.4 x 4.4	GY-36225-00		—	—
80	100	5⅝ x 2	14.3 x 5.1	GY-36225-02		—	—
80	125	5⅝ x 2⅜	14.3 x 6.0	GY-36225-04		—	—
100	200	5⅝ x 2¾	14.3 x 7.0	GY-36225-06		GY-36225-07	
180	250	6½ x 2¾	16.5 x 7.0	GY-36225-10		GY-36225-15	
180	300	6½ x 2¾	16.5 x 7.0	GY-36225-20		GY-36225-25	
270	500	6⅝" x 3"	16.8 x 7.6	GY-36225-30		GY-36225-35	
380	1000	9¼ x 3½	23.5 x 8.9	GY-36225-40		GY-36225-45	
500	2000	10 x 4½	25.4 x 11.4	GY-36225-50		GY-36225-55	
500	3000	10⅜ x 5	26.3 x 12.7	GY-36225-60		GY-36225-65	
600	5000	12⅛ x 5½	30.8 x 14.0	GY-36225-70		GY-36225-75	

†Outside diameter includes support.

A
Heating mantle 36225-00 shown with support 36225-80

B. Spherical Heating Mantles cover both top and bottom of one-, two-, or three-neck spherical flasks. Mantles are made from flexible fabrics for effective heating and protection of glass vessels. Wraparound zipper holds the mantle halves snugly together to prevent heat loss. Top split allows mantle removal without disturbing the glass vessels.

Distribution of watts		Flask size (mL)	Dimensions (W x H x D)		VAC	Catalog number	Price
Lower half	Upper half		in.	cm			
180	—	250	5½ x 5½ x 4	14.0 x 14.0 x 10.2	115	GY-36226-00	
					230	GY-36226-05	
270	—	500	9 x 9 x 7¾	22.9 x 22.9 x 19.7	115	GY-36226-10	
					230	GY-36226-15	
380	140	1000	9 x 9 x 7¾	22.9 x 22.9 x 19.7	115	GY-36226-20	
					230	GY-36226-25	
500	200	2000	10⅞ x 10⅞ x 10	27.6 x 27.6 x 25.4	115	GY-36226-30	
					230	GY-36226-35	
500	200	3000	12⅝ x 12⅝ x 10¾	32.1 x 32.1 x 27.3	115	GY-36226-40	
					230	GY-36226-45	
600	300	5000	12⅝ x 12⅝ x 10¾	32.1 x 32.1 x 27.3	115	GY-36226-50	
					230	GY-36226-55	

B

C. Extension Supports

– Safely support flasks and mantles

– Free up valuable bench space while heating solutions

Use these extension supports for attaching hemispherical and spherical mantle bottoms to lattice. Each extension is made of a steel ring and heat resistant strap basket.

See our clamps and supports section on pages 156–165 for support rods and frames.

Flask size	Catalog number	Price
50 mL	GY-36225-80	
100 to 200 mL	GY-36225-81	
250 to 350 mL	GY-36225-82	
500 mL	GY-36225-83	
1000 mL	GY-36225-84	
2000 mL	GY-36225-85	
3000 mL	GY-36225-86	
5000 mL	GY-36225-87	

C
Support 36225-80 shown with heating mantle 36225-00