

CG-1992-R

Optitherm-Recovery Flask Inserts Glassware Checklist

1. FLASK INSPECTION

Flasks used with Optitherm blocks/inserts must be free of star cracks. Flasks cleaned in glass washers can become etched or scratched. This can cause failure if the flask exterior/interior is severely damaged. Etched or severely scratched glassware **SHOULD NOT** be used in Optitherm blocks or inserts.

2. PROPER FIT OF FLASK

It is important to select a flask that fits properly in the blocks/inserts. This can be accomplished by placing the flask in the block/insert and rolling it around. If the flask feels tight, binds, scratches the side of the Optitherm, or feels like it is sitting on an edge and not inside, the flask diameter may be too large. Try another flask. Optitherm blocks/inserts have openings that are machined larger than the diameter of the flasks manufactured by Chemglass. The chart below provides the maximum flask diameter that should be used with Optitherm blocks/inserts.

Flask Capacity	Max Diameter
10mL	32.8mm
25mL	43.8mm
50mL	50.8mm
100mL	62.3mm
200mL	80.3mm
500mL	105.3mm

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