

ORDER FORM 2

SPECIAL TEST (36140S)

**Thermal Resistance Measurement
NIST 1016 mm Guarded Hot Plate Apparatus**

	<u>Ship to:</u>	<u>Bill to:</u>
Name	_____	_____
Organization	_____	_____
Address	_____	_____
City, State, Zip	_____	_____
Telephone	_____	_____

Complete the following technical information

- Customer apparatus (check one): _____ Guarded Hot Plate; _____ Heat Flow Meter
- Mode of operation (check one) and direction of heat flow (circle one):
 - _____ One-sided; → up, down, or horizontal
 - _____ Two-sided; → vertical or horizontal
- Specimen source (check one):
 - _____ Customer; _____ (Specify Material*)
 - _____ NIST low-density fibrous-glass blanket, 9.6 kg/m³ (0.6 lb/ft³), 610 mm square
- Specimen thickness (check all that apply) and specify number of specimens
 - _____ 25 mm; _____ Quantity
 - _____ 75 mm; _____ Quantity
 - _____ 150 mm (two 75 mm, stacked); _____ Quantity
 - _____ Other (specify); _____ Quantity
- Conditions for each test (specify below); Units (check one): _____ SI; _____ Other
(Use additional sheets, if necessary.)

<u>Test #</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
Mean Temperature	_____	_____	_____	_____	_____
Hot Surface	_____	_____	_____	_____	_____
Cold Surface	_____	_____	_____	_____	_____
Thickness	_____	_____	_____	_____	_____
Mode (1-sided or 2-sided)	_____	_____	_____	_____	_____
Heat Flow Direction	_____	_____	_____	_____	_____

* To adequately describe the material in the Report of Test, the customer is requested to include a description (one or two sentences) of the material to be tested.

Return Order Form and Cost Authorization to:

NIST
Attn: Robert R. Zarr
100 Bureau Drive, MS 8632
Gaithersburg, MD 20899-8632
Voice: (301)-975-6436

_____ Check if you would like
notification upon receipt