



# THERMAL INSULATION PERFORMANCE

McElroy/Tye, *editors*



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**STP 718**

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**AMERICAN SOCIETY FOR  
TESTING AND MATERIALS**

# THERMAL INSULATION PERFORMANCE

A symposium  
sponsored by ASTM  
Committee C-16 on  
Thermal and Cryogenic  
Insulating Materials  
AMERICAN SOCIETY FOR  
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## Foreword

The symposium on Thermal Insulation Performance was held in Tampa, Fla., 22-25 Oct. 1978. The American Society for Testing and Materials' Committee C-16 on Thermal and Cryogenic Insulating Materials sponsored the symposium in cooperation with the U.S. Department of Energy. D. L. McElroy, Oak Ridge National Laboratory, and R. P. Tye, Dynatech R/D Company, now at Fiber Materials, Inc., served as cochairmen of the symposium and editors of this publication.

## Related ASTM Publications

*Thermal Transmission Measurements of Insulation*, STP 660 (1979),  
\$39.50, 04-660000-10

*Sealant Technology in Glazing Systems*, STP 638 (1977), \$9.50,  
04-638000-10

*Building Seals and Sealants*, STP 606 (1976), \$36.00, 04-606000-10

*Thermal Insulations in the Petrochemical Industry*, STP 581 (1975),  
\$3.25, 581000-10

*Heat Transmission Measurements in Thermal Insulations*, STP 544  
(1974), 04-544000-10

## A Note of Appreciation to Reviewers

This publication is made possible by the authors and, also, the unheralded efforts of the reviewers. This body of technical experts whose dedication, sacrifice of time and effort, and collective wisdom in reviewing the papers must be acknowledged. The quality level of ASTM publications is a direct function of their respected opinions. On behalf of ASTM we acknowledge with appreciation their contribution.

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