

THERMAL INSULATION

Materials and Systems

Powell/Matthews *editors*

STP 922



THERMAL INSULATION: MATERIALS AND SYSTEMS

A conference
sponsored by
ASTM Committee C-16
on Thermal Insulation
Dallas, TX, 2-6 Dec. 1984

ASTM SPECIAL TECHNICAL PUBLICATION 922
Frank J. Powell, National Bureau of Standards,
and Stanley L. Matthews, consultant, editors

ASTM Publication Code Number (PCN)
04-922000-10



1916 Race Street, Philadelphia, PA 19103

Library of Congress Cataloging-in-Publication Data

Thermal insulation: materials and systems/a conference sponsored by
ASTM Committee C-16 on Thermal Insulation, Dallas, TX, 2-6 Dec. 1984;
Frank J. Powell and Stanley L. Matthews, editors.
(ASTM special technical publication 922)
"ASTM publication code number (PCN) 04-922000-10."
Includes bibliographies and index.
ISBN 0-8031-0493-6

1. Insulating materials—Congresses. 2. Insulation (Heat)—
Congresses. I. Powell, Frank J., 1923- . II. Matthews, Stanley L.
III. ASTM Committee C-16 on Thermal Insulation. IV. Series.
TH1715.A1T47 1987
620.1'1296—dc19

87-27045
CIP

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Library of Congress Catalog Card Number: 87-27045

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Stanley L. Matthews

In Memoriam

This volume is dedicated to the memory of Stan Matthews, coeditor of this book, who passed away before the book was in print. Stan was for many years a tireless worker for ASTM and, particularly, for ASTM Committee C-16 on Thermal Insulation. In Committee C-16, he was constantly involved at every level, from task group commitment to serving as a leading officer. His dedication to ASTM and to professional associations, the government, and the entire thermal insulation industry was admired and respected by all who actively worked with him. Stan's whole life was one of vigor, from his days as a Harvard M.B.A. graduate student, through his career as a U.S. Army colonel, and for the past 25 years as a champion for the thermal insulation industry, including eleven terms as president of the Mineral Insulation Manufacturers Association. The honors accorded Stan have been numerous, including ASTM's highest recognition, the Award of Merit. He will be missed.

Foreword

The conference on Thermal Insulation: Materials and Systems was held in Dallas, Texas, on 2-6 Dec. 1984. ASTM Committee C-16 on Thermal Insulation was sponsor of the event. Frank J. Powell, National Bureau of Standards, and Stanley L. Matthews, consultant, presided as chairmen of the conference and also served as editors of this publication.

Related ASTM Publications

Guarded Hot Plate and Heat Flow Meter Methodology, STP 879 (1985),
04-879000-10

Building Applications of Heat Flux Transducers, STP 885 (1985),
04-885000-10

Corrosion of Metals Under Thermal Insulation, STP 880 (1985),
04-880000-27

Thermal Insulations, Materials, and Systems for Energy Conservation in the
'80s, STP 789 (1983), 04-789000-10

Thermal Insulation Performance, STP 718 (1980), 04-718000-10

Thermal Transmission Measurements of Insulation, STP 660 (1979),
04-660000-10

Thermal Insulations in the Petrochemical Industry, STP 581 (1975),
04-581000-10

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

A Note of Appreciation to Reviewers

The quality of the papers that appear in this publication reflects not only the obvious efforts of the authors but also the unheralded, though essential, work of the reviewers. On behalf of ASTM we acknowledge with appreciation their dedication to high professional standards and their sacrifice of time and effort.

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ISBN 0-8031-0493-6