



DETRICK LOOSE AND GRANULATED INSULATING WOOLS
For Temperatures Up To 1600 F.

PLAINTIFF'S
EXHIBIT

MHD-192

Detrick Insulating Wools are light weight, efficient spun insulating materials furnished in two forms, loose and granulated. They are manufactured from selected materials which are melted in a cupola and spun while in a molten state into light resilient fibers of extremely small diameter. Detrick Wools have exceptionally low thermal conductivity due to their light, fluffy structure which contains countless dead air cells. They do not readily absorb moisture and are unaffected by atmospheric conditions encountered in typical high or low temperature uses and are fireproof and chemically stable.

USES

Detrick Loose Wool is composed of long, fibered wool as originally processed. It is installed by hand-packing to fill irregular voids in heated equipment for packing of joints, furnaces, ovens, boiler walls, and similar purposes where bulk insulations are required. Fed. Spec. HH-I-521, Type II.

Detrick Granulated Wool composed of mineral wool pellets, designed to be installed either by hand-packing, pouring, or pneumatic methods. It can be compressed to various densities, but usually is packed at about 9 lbs. per cubic foot. Standard Granulated Wool is processed to an approximate size of minus 1" plus 3/4". Detrick Granulated Wool is covered by Federal Specification HH-I-521 Type III.

THERMAL CONDUCTIVITY

Typical thermal performances of loose and granulated wools at densities of 8 to 10 lbs. are tabulated below:

<u>MEAN TEMP.</u>	<u>K</u>	<u>MEAN TEMP.</u>	<u>K</u>
50 F	.26 Btu	250 F	.38 Btu
100 F	.28 Btu	300 F	.42 Btu
150 F	.31 Btu	350 F	.47 Btu
200 F	.34 Btu	400 F	.53 Btu

PACKAGING

Packed in Kraft Paper Bags at approximately 3 cu. ft. per bag. For shipping purposes loose wool weighs approximately 30 lbs. per bag. Granulated wool weighs approximately 35 lbs. per bag.