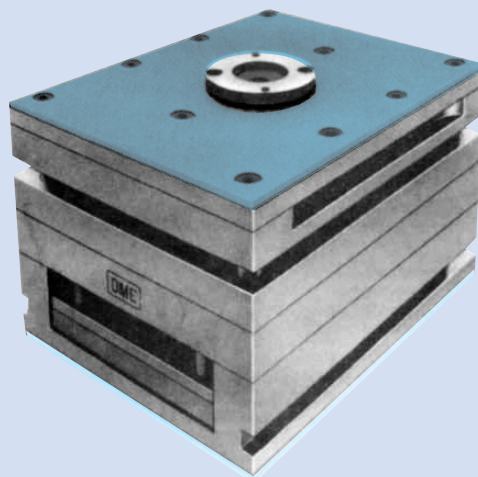


Insulator Sheets

D-M-E High Temperature Insulator Sheets are used on molds and dies between the top clamping plate and the stationary platen, and between the bottom of the ejector housing and the movable platen.

- Asbestos-free material
- High compression strength
- Machinable with high-speed cutting tools



ENERGY SAVINGS

1/4 THICK = 27,508 BTU/HR

1/2 THICK = 31,004 BTU/HR

General Data

COMPRESSIVE STRENGTH	(ASTM D-229)	49,400 PSI AT 75°F 27,200 PSI AT 300°F 18,000 PSI AT 400°F 17,100 PSI AT 500°F 15,000 PSI AT 550°F
MODULUS OF ELASTICITY IN COMPRESSION	(ASTM D-229)	1.8 x 10 ⁶ PSI AT 75°F 2.9 x 10 ⁶ PSI AT 425°F
WATER ABSORPTION	(ASTM D-229)	0.2%
THERMAL CONDUCTIVITY (K FACTOR), (BTU/HR/FT ² /IN/°F)	(ASTM C-177)	1.9 AT 75°F 2.1 AT 425°F
FLAME RESISTANCE	(UL SUBJECT 94)	94V-0
EXPANSION ACROSS THICKNESS EXPANSION ACROSS SURFACE		6.43 x 10 ⁻⁵ IN/IN/°F 1.24 x 10 ⁻⁵ IN/IN/°F
MAXIMUM RECOMMENDED SERVICE TEMPERATURE		550°F

High Temperature Insulator Sheets

THICKNESS	LENGTH	WIDTH	ITEM NUMBER	NET WEIGHT
1/4	36"	18"	HTIS-1836-2	12
		24"	HTIS-2436-2	16
		36"	HTIS-3636-2	24
1/4	96"	48"	HTIS-4896-2	105
1/2	36"	18"	HTIS-1836-4	24
		24"	HTIS-2436-4	32
		36"	HTIS-3636-4	48

NOTE: Special sizes available on special order: Max. length = 96", Max thickness = 1", Max. width = 48", Min. thickness = 1/8
Installation: Use 1/4-20 flat head screws. Drill and tap base to suit.