

SIL-O-CEL INSULATING BRICK

Specification Data

PHYSICAL PROPERTIES

	Super	C-22	16L
Temperature Limit	2500F**	2000F**	1600F***
Approximate Density	40 pcf	38 pcf	34 pcf
Transverse Strength	90 psi	115 psi	60 psi
Cold Crushing Strength	300 psi	700 psi	350 psi
Linear Shrinkage	2.0% at 2500F	0.8% at 2000F	0.7% at 1600F
Reversible Thermal Expansion	1.3% at 2000F	0.7% at 2000F	less than 0.1% at 1600F

*The figures given in this table are average values obtained in accordance with accepted test methods.
 Back-up only. *Back-up or exposed.

THERMAL CONDUCTIVITY

	MEAN TEMPERATURE, F			
	500	1000	1500	2000
Super	1.70	1.95	2.19	2.45
C-22	1.67	1.88	2.08	—
16L	0.92	1.07	1.22	—

CONDUCTIVITY: BTU IN. PER SQ FT PER F PER HR

COMPLIANCE WITH GOVERNMENT SPECS

Sil-O-Cel Super complies with MIL-B-16182B

STANDARD SIZES

Type

Sil-O-Cel Super
 Sil-O-Cel C-22
 Sil-O-Cel 16L

Size

Furnished in all standard 9 in. shapes of the 2½ and 3 in. series, as well as special shapes.

PACKAGING INFORMATION

All Sil-O-Cel Insulating Brick are packaged 25 to a carton.

ET-000086

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JOHN MANVILLE



An Insulation for Every Commercial and Industrial Use

2032

MATERIALS