



Properties

Standards

Product quality meets the ASTM and EN standards (CE mark)

Excellent resistance to corrosion under insulation (according to ASTM C795 and ASTM C1617)

Features

- Used for pipe insulation for high temperature applications requiring a high-strength insulation material.

Advantages

- Low bulk density and shrinkage.
- Low thermal conductivity, heat storage and non-combustible.
- Sound insulating material.
- Water repellent surface treatments.
- chemical resistance improvement.

Technical Data

Nominal Pipe Size		D (mm)	B (mm)	T (Insert thickness in mm)			
(mm)	(inch)			25	50	75	100
½"	DN15	21.3	600	SCSi1225	SCSi1250	SCSi1275	SCSi12100
¾"	DN20	26.7	600	SCSi3425	SCSi3450	SCSi3475	SCSi34100
1"	DN25	33.4	600	SCSi1125	SCSi1150	SCSi1175	SCSi11100
1 ¼"	DN32	42.1	600	SCSi11425	SCSi11450	SCSi11475	SCSi114100
1 ½"	DN40	48.2	600	SCSi11225	SCSi11250	SCSi11275	SCSi112100
2"	DN50	60.3	600	SCSi225	SCSi250	SCSi275	SCSi2100
2 ½"	DN65	73	600	SCSi21225	SCSi21250	SCSi21275	SCSi212100
3"	DN80	88.9	600	SCSi325	SCSi350	SCSi375	SCSi3100
3 ½"	DN90	101.6	600	SCSi31225	SCSi31250	SCSi31275	SCSi312100
4"	DN100	114.3	600	SCSi425	SCSi450	SCSi475	SCSi4100
5"	DN125	141.3	600	SCSi525	SCSi550	SCSi575	SCSi5100
6"	DN150	168.3	600	SCSi625	SCSi650	SCSi675	SCSi6100
8"	DN200	219.1	600	SCSi825	SCSi850	SCSi875	SCSi8100
10"	DN250	273	600	SCSi1025	SCSi1050	SCSi1075	SCSi10100
12"	DN300	323.8	600	SCSi1225	SCSi1250	SCSi1275	SCSi12100
14"	DN350	355.6	600	SCSi1425	SCSi1450	SCSi1475	SCSi14100
16"	DN400	406.4	600	SCSi1625	SCSi1650	SCSi1675	SCSi16100
18"	DN450	457.2	600	SCSi1825	SCSi1850	SCSi1875	SCSi18100
20"	DN500	508	600	SCSi2025	SCSi2050	SCSi2075	SCSi20100
24"	DN600	609.6	600	SCSi2425	SCSi2450	SCSi2475	SCSi24100

	Unit	ASTM Method	ASTM C533 - Type I	
Density	lb/ft³	ASTM C302	15	13
Compressive Strength	lb/in²	ASTM C165	100	220
Service Temperature	°F	ASTM C447	1200°	1200°
Thermal Conductivity - K @ 100 °F	(Btu·in.)/(hr·ft²·°F)	ASTM C335	0.344	0.31
Closed Cell	Minimum %	—	Passes	Passes
Water Absorption	% by Volume	ASTM C1617	Passes	Passes
Water Vapor	perm inch	—	Passes	Passes
Dimensional Stability	% lin chg	—	—	—
Flame Spread	Flame Spread	ASTM E84	0/0	0/0

Different lengths and different thicknesses are also available upon request.