

HUSHCLOTH NM - High Temperature Needle Mat

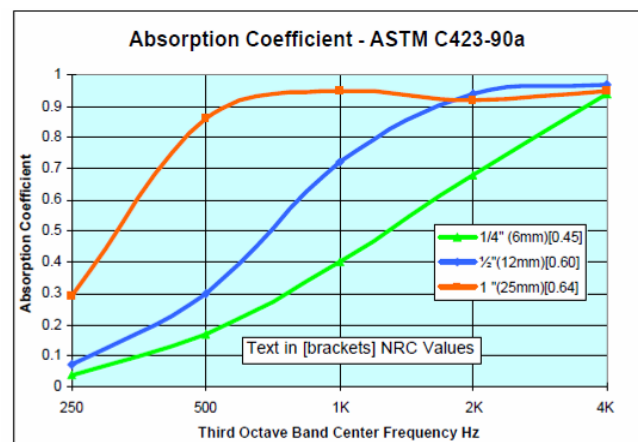
HC NM is a mechanically bonded glass fiber insulating blanket of uniform density that offers reliable superior performance at temperatures up to 1200°F (650°C). **HC NM** meets UL requirements (Ref # R11184), all requirements of military specifications MIL-I-24244 and MIL-I-16411 and all pertinent automotive flammability specifications.

HC NM is manufactured from a well controlled assortment of long glass textile fibers to assure uniform mechanical bonding with no additional binders. Product quality is maintained through a carefully controlled needling process which creates uniform insulating efficiency during exposure to elevated temperatures.

HC NM is available in standard ¼" (6mm), ½"(13mm), ¾" (19mm) and 1" (25mm) grades

HC NM Physical Properties

Property	Characteristic
Thermal Conductivity: According to independent testing HC NM meets or exceeds the requirements of MIL-I-16411, type II	BTU.in/hr/SqFt°F @300°F = 0.40 @500°F = 0.50 @700°F = 0.65 mW/m°K @150°C = 58 @260°C = 72 @370°C = 94
Toxicity	Non Toxic
Drapeability	Conforms to irregular surfaces
Vibration Resistance	Excellent (Will not powder)
Odor	Odorless (will not absorb odors)
Corrosion	Will not contribute to metal corrosion
Durability	Will not decay or sustain mold or vermin
Flammability	Conforms to MIL-I-16411 and MIL-I-24244 UL Listed (ref# R11184) Flame spread – 0 Smoke Development - 0



Standard Sizes

Grade	Mass	Width	Roll Length	Area	Weight
¼" (6mm)	4 oz/ft ² (1.22Kg/m ²)	60" (1525mm)	150' (45.7m)	750ft ² (69.7m ²)	185# (84.1Kgs)
½" (13mm)	6 oz/ft ² (1.83Kg/m ²)	60" (1525mm)	75' (22.9m)	375ft ² (34.8m ²)	140# (63.6Kgs)
¾" (19mm)	12.25 oz/ft ² (3.75 Kg/m ²)	60" (1525mm)	45' (13.7m)	225ft ² (20.9m ²)	172# (78.2Kgs)
1" (25mm)	15 oz/ft ² (4.59Kg/m ²)	60" (1525mm)	45' (13.7m)	225ft ² (20.9m ²)	215# (97.7Kgs)