



PRODUCT SPECIFICATIONS
ALUMINIZED HEAT BARRIER
PART# 14001, 14001-50, 14051, 14061,

GENERAL DESCRIPTION: These fabrics are made from highly texturized silica-based yarns. The higher temperature capability is the result of a specialized manufacturing process. Thermo-Tec fabrics are free of any asbestos, are softer than asbestos fabrics of the same weight and have almost five times their abrasion resistance. The unique specifications of the Aluminized materials are listed below. This high temperature aluminized fabric offers outstanding reflectivity and durability. This heat barrier can reflect up to 95% of radiant energy and radiant temperatures up to 3000°F.

APPLICATIONS: Typical applications include plug wires, fuel lines, firewalls, etc...

PROPERTIES:

THICKNESS	60mils (1.52 mm)
WEIGHT	27 oz./sq yd
DIRECT CONTACT, deg F.....	1100° F
RADIANT HEAT, deg F (max).....	3000° F
MELTING POINT, deg F.....	1220° F

CHEMICAL PROPERTIES:

Thermo-Tec products possess excellent resistance to chemical attack. Exceptions include hydrofluoric and corrosive elements at elevated temperatures. Thermo-Tec products are unaffected by oil or water. Thermal and physical properties are restored after drying. Data are average results of tests conducted under standard procedures and are subject to variation.