PDS

PRODUCT DATA SHEET

HT1700

Features and Benefits

HT-1700 is a dense heat-treated welding insulation blanket. With a 1.7mm nominal thickness and a volume weight of 1760 grams/per square metre the 1700 series is a high-grade heavy-duty welding blanket that can operate at 550 degrees Celsius continuous exposure and 700 degrees short term. With a tight and dense Satin weave pattern it results in a flexible, stronger yet more compact welding blanket for moderate to heavy duty exposure. The fabric consists of a textured finish preventing irritation. Used widely in heavy industries where welding may be hazardous e.g. Petrochemical, Oil and Gas Refineries and Welding applications.

The 1700 Series provides superior protection and has exceptional insulating qualities. Thickness and structure increase the thermal conductivity enabling it to absorb heat easily, distributing unwanted excess energy across a larger area of the blanket. Heat dispersion is aided due to textile strength. As a result, the HT-1700 series blanket has a much higher tolerance point at impact and acts as an effective heat retardant. Preventing a rapid buildup of heat energy and effectively cooling the molten sparks temperature before it can sustain a burn through. The satin weave textile also has a smooth finish that helps reflection away from the point of impact. Strong and pliable, the HT1700 series blanket is ideal for wrapping around uneven surfaces and equipment to protect against unwanted heavy welding sprays and high temperature exposure.

Technical Information

DESCRIPTION	SPECIFICATION
CLOTH CONSTRUCTION	18 X 11.48
TEMPERATURE EXPOSURE	550*C CONTINUOS
SHORT TERM EXPOSURE	700 DEGREES CELSIUS
DENSITY	1760 GRAMS/METER SQUARE
THICKNESS	1.7MM NOMINAL
WIDTH	1.0 MTR, 1.5 MTR, 1.8MTR
WEAVE	SATIN
COLOUR	GOLDEN BROWN
FINISH	HEAT AND TREATED
LENGTH/ROLL	25M,50M OR CUT TO SIZE
WEFT YARN	TEX EC9 37 4 X 4
WARP YARN	TEX EC9 37 4 X 4