

PDS

PRODUCT DATA SHEET

HT800

Features and Benefits



HT800 is used widely as a welding blanket and an insulation fabric to protect sensitive applications. Heat treated the HT800 series is most effective against moderate to heavy welding sparks. Its special treated satin weave pattern results in an extensive, heavier and stronger fabric far more resistant to heat impact from welding sparks as compared to other thinner texturized cloths. Ideal as a welding blanket the HT800 is used extensively in Welding Fabrication, Oil and Gas, Petrochemical and Construction Industries where heat insulation and insulation lining and extensive welding take place. HT800 has a patented 8HS weave allowing for better overall performance.



The 800 series density facilitates and increases heat flow, thus enabling to provide an effective heat conduction system away from falling sparks. This reduces the overall impact temperature and prevents burn through. Heat dispersion is aided by the increased surface area. Energy is conducted away to a wider area and or reflected. As a result, the blanket has a much higher softening point and acts an effective heat retardant. HT800 has a temperature resistance capability of up to 550 degrees Celsius and can sustain even higher temperature sparks intermittently. Being heat treated the blanket also provides better durability when subjected to heat shock treatments. Weighing at 860 g/m², HT800 is ideal for wrapping around uneven surfaces and equipment for superior protection.

Technical Information

DESCRIPTION	SPECIFICATION
CLOTH CONSTRUCTION	18 X 13
TEMPERATURE EXPOSURE	550°C CONTINUOUS
SHORT TERM EXPOSURE	700 DEGREES CELSIUS
DENSITY	860 GRAMS/METER SQUARE
THICKNESS	1.0MM NOMINAL
WIDTH	1.0 MTR, 1.5MTR, 1.8MTR.
WEAVE	SATIN
COLOUR	GOLDEN BROWN
FINISH	HEAT TREATED
LENGTH/ROLL	25M,50M OR CUT TO SIZE
WEFT YARN	TEX EC9 33 4 X 2
WARP YARN	TEX EC9 33 4 X 2

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