

SATURN WELDING BLANKET

Made from non-woven carbon felt.

Application

Saturn is perfect to be put to use as an all round welding blanket, for example in the field of:

- Machine building and maintenance.
- Cutting and grinding work
- Ship maintenance
- Automotive industries

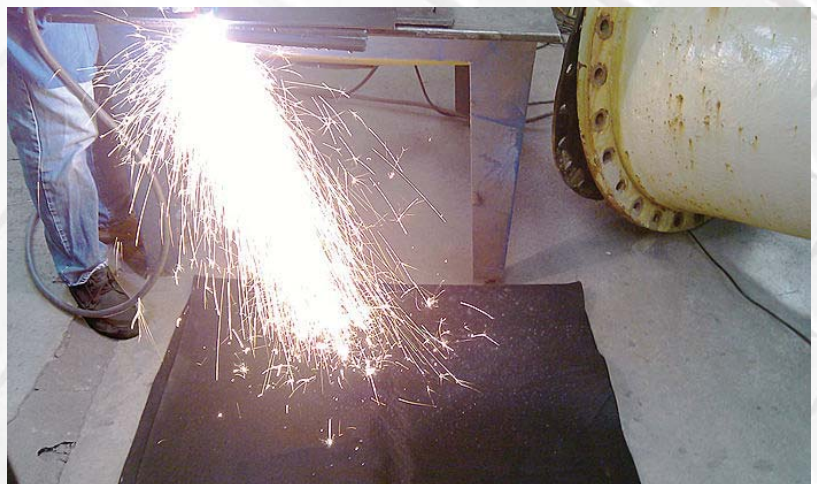
Conditions for use

- Since applications of welding blankets vary widely, no warranty on the blanket's usage can be granted/given. The user is responsible for determining whether the chosen blanket will provide adequate protection for the application used.
- Thicker blankets (provided they are from the same material) will provide a higher grade of protection/insulation at a certain temperature.
- Texturized blankets provide better insulation than filament fibre blankets.
- Always use on an incline of at least 15 degrees.
- Always use more layers initially.

Characteristics

Saturn welding blankets have a very high peak temperature (1300°C) and are relatively lightweight (420 g/m²). Furthermore, Saturn welding blankets are very flexible and can be used in small spaces and if odd concerns. Saturn is made of a scratch-free material and is free from asbestos and ceramic fibres. Saturn blankets are not meant for use as a cooling down blanket.

Test	Standard*	
1. Thickness	EN 29073-2	5 mm
2. Weight	EN 29073-1	420 g/m ²
3. Elongation	EN 29073-3 - MD (%)	57
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4. Tensile strength	EN 29073-3 - MD (%)	112
	EN 29073-3 - CD (%)	143
*Subject to tolerances		
Chemical Composition (%)		
Carbon content	62	
Nitrogen	21, 5	
Oxygen	12	
Hydrogen	4, 5	
Sodium	<0, 1	
Trace metals	<0, 01	
Chemical Resistance		
Strong acids	Good	
Weak acids	Excellent	
Strong Bases	Poor	
Weak Bases	Good	
Organic solvents	Excellent	



Part No	Description
565715	Saturn Blanket 2 m x 2 m