



Waterjet protective Curtain and Cover



PROTECTIVE CURTAIN 3000 BAR

When you need to protect sensitive equipment, machinery or people from water, waterjetting, gravel spray and ricochets! Practical curtains which can be put together to form a protective wall of desired length. It withstands up to 3000 bar/43500 psi at 250 mm/10 in. distance. (See test results and information about procedures on next page.) Each section is 154x250 cm/60x98 in. and when put together they build 134 cm/53 in. each. On top there are 5 straps for easy mounting and in the bottom there are holes for further securing. The sections are easily connected through 6 smart, strong and easily handled locks. Available as standard in red with warning sign in English. Optionally available in white, black, yellow, light grey, dark grey, blue and green. Also available with your own branding and warning sign in another language. Both options minimum order 10 pcs. Contact TST for all specifications. Weight 7.5 kg/16.5 lbs.

Art. nr. 5910030 5000



PROTECTIVE COVER 3000 BAR

Smaller versions, specially developed to cover and protect for example electrical cables, hydraulics, pipes, ventilation. Practical curtains which can easily be put together, on width or length, to form a protective wrap. Withstands up to 3000 bar/ 3500 psi at 250 mm/10 in. distance. (See test results and information about procedures on next page.) Each section is 91x250 cm/36x98 in, or 59x250 cm/23x98 in. They can cover an object with diameter 20 or 10 cm/4 or 8 in., respectively. On top and bottom there are locks for easy connecting lengthwise. Same color and branding options as the Curtain above. Contact TST for all specifications. Weight 4.4 kg/9.5 lbs and 3 kg/6.5 lbs.

Art. nr. 5910030 500n

Protection up to 3000 bar/43500 psi

TECHNICAL DESCRIPTION

Outer material of heavy, durable PVC. Inner/protection material of Dyneema® fiber.

Tested in the same way and with the same specifications as Waterjet Protective Clothing, except for the distance which is 250 mm / 10 in.



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TEST RESULTS - PROTECTION LEVELS

The different levels of protection have been determined by testing according to the table below.

In Waterjetting mainly two types of nozzles/jets are used – rotor and single. Our safety levels have been adjusted to cover the most common work situations and to verify the quality of clothing and protective qualities

Note! Different values (pressure, water flow, nozzle, distance, speed) can give significantly different results!

Protection level	Pressure bar (psi)	Flow l/min (gpm)	n	Nozzles	RPM	Distance mm (in.)	Linear Speed m/s (in./sec)	Result
				Dia. mm (in.)				
20/30	2000 (30000)	17.9 (4.7)	1	0.8 (.031)	–	250 (10)	0.5 (20)	No penetration
20/30	3000 (43500)	19.5 (5.2)	2	0.6 (.024)	3000	250 (10)	0.5 (20)	No penetration

PROTECTION LEVEL 20/30

SINGLE 2000 bar/30000 psi
 ROTOR 3000 bar/43500 psi

The strongest fiber in the world!

Dyneema® is the world's strongest fiber

(15 times stronger than steel on a weight for weight basis).

This makes it possible to offer high levels of protection against waterjetting hazards even with lightweight fabric. Being much thinner and more flexible than traditional materials, such as leather, cotton and metals, products made with Dyneema® fiber will be very comfortable. Employees will appreciate this comfort, combined with higher protection, and consequently are more likely to wear them at all times.



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