

# PROTECTION UP TO 500 BAR/7500 PSI

## TECHNICAL DESCRIPTION

Outer material: Coated for water- and dirt repellancy. Inner material: Polyester mesh. Protective material: Special fabric containing Dyneema® fiber. Seams are taped. Approved according to the directive 89/686/EEC.

## TEST RESULTS – PROTECTION LEVELS CLOTHING

The different levels of protection have been determined by testing according to the table below. In High Pressure Cleaning mainly three types of nozzles/jets are used – 1 rotor, flat and single. The safety levels have been chosen to cover the most common working situations and to verify the quality of clothing and protective quality. **Note!** Different values (for example pressure, flow, nozzle, distance or speed) can give significantly different results.


**PROTECTION LEVEL 5/5/2**  
 ROTOR 500 bar/7500 psi  
 FLAT 500 bar/7500 psi  
 SINGLE 200 bar/3000 psi  
 CE 89/686/EEC

Protection level	Pressure bar (psi)	Flow l/min (gpm)	Nozzle type	Distance (mm)	Speed (m/s)	Result
5/5/2	500 (7500)	16,9	Rotor - 1 Rotor jet	75	0,5	No penetration
5/5/2	500 (7500)	16,9	Flat - Single fan jet 15°	75	0,5	No penetration
5/5/2	200 (3000)	10,7	Single - Single round jet	75	0,5	No penetration

## TEST RESULTS – HYDRAULIC FLUID

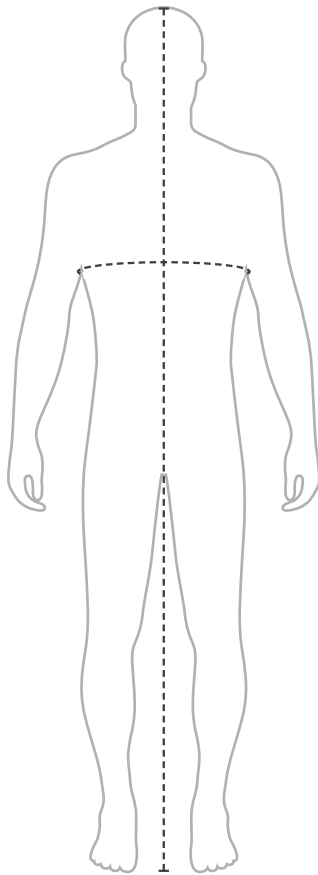
The different levels of protection against hydraulic fluid have been determined by testing according to the table below. The smallest Sapphire nozzle, only 0,15 mm, has been used to simulate a so called pin burst. The safety levels have been chosen to cover the most common working situations and to verify the quality of clothing and protective quality. **Note!** Different values (pressure, flow, burst size, distance, speed) can give significantly different results!

**TESTED FOR  
 HIGH PRESSURE  
 HYDRAULIC FLUID  
 PENETRATION**



Pressure bar (psi)	Nozzle type	Distance (mm)	Speed (m/s)	Break-through time (s)
250 (3750)	0,15 mm Sapphire - pin	5	0	> 60 s
350 (5100)	0,15 mm Sapphire - pin	5	0	35 s
500 (7500)	0,15 mm Sapphire - pin	5	0	4 s

# SIZING TABLES / WASHING INSTRUCTIONS



HEIGHT

CHEST

Measure the circumference of your chest at its widest point.

SIZES (MENS)

Jacket Trousers Overall	Height cm (ft. in.)	Chest cm (in.)
XS	160-167 (5'3"-5'6")	84 (33")
S	168-175 (5'6"-5'9")	92 (36")
M	176-180 (5'9"-5'11")	100 (39")
L	181-186 (5'11"-6'1")	108 (43")
XL	187-192 (6'2"-6'4")	116 (46")
2XL	193-200 (6'4"-6'7")	124 (49")
3XL	201-206 (6'7"-6'9")	132 (52")

CONVERSION TABLE SHOE SIZES (MENS)

EUR	US	UK
36	4	3
37	5	4
38	5 1/2	4 1/2
39	6 1/2	5 1/2
40	7 1/2	6 1/2
41	8 1/2	7 1/2
42	9	8
43	10	9 1/2
44	10 1/2	10
45	11 1/2	10 1/2
46	12	11
47	13	12
48	14	13

## CARE AND WASH INSTRUCTIONS

Zippers and hook&loops are sensitive for dirt and shall always be kept clean. Clothes can be hand washed with brush and TST Grease Remover or a soap solution.

Allow to dry in a well ventilated area. Do not expose the garments to diesel or other solvents. Store the garments dry and not in direct sunlight.



Hand wash.  
Water temperature not  
above 40°C or 105°F



Do not tumble dry



Do not bleach



Do not dryclean



Do not iron