

Proximity Suit EN 1486 / SOLAS



Art. 30-3021.XX/833.0

This 3-piece protective suit (hood, jacket, trousers) intended to fight fires, actually comprises five parts when overboots and gloves are included.

The kit is completely supplied with visor, spare visor and helmet with chin-strap, packed in a valise.

Of course single components are available, e.g. as replacements.



Art. 10-0403.XX/833.0

Hood shall be worn over a safety helmet according to EN 397; elastic strips, covered by outershell material and lead under the armpits, keep the hood into the right position. Visor size is 300 x 140 mm. Front visor is made of gold-vaporised PC (polycarbonate), while the second visor behind is from transparent PC. Hood with stretchable device **fitting for each type of safety helmet. This construction takes care that the panoramic field of vision remains even when head is turned.**

A cover for BA (breathing apparatus) is integrated into the jacket which has two patch pockets with flaps and touch and close fastener, as well as two drainage eyelets each.

Adjustable thumb loops prevent the pull up of the sleeves.

The front is closed by aluminium hooks and D-rings which can be managed easily – even when gloves are worn.

Trousers, designed to protect also the kidney area, have a wide front flap, fixed suspenders and elastic leg border.



Art. 26-5111.XX/833.0 (trousers)

Art. 30-0121.XX/833.0 (overboots)

This 3-piece suit is completed by overboots and gloves.

Overboots, with sole and border made of heat-resistant leather, are to be closed backwards by snap fasteners and adjustable in front.

Palm of 5-finger gloves consists of heatresistant leather.



Art. 25-1021.XX/833.0



Art. 52-8959.XX/833.0

P/N	30 - 3021 . XX / 833.0 , consisting of 25 – 1021 . XX / 833.0 Jacket 26 – 5111 . XX / 833.0 Trousers 10 – 0403 . XX / 833.0 Hood 30 – 0121 . XX / 833.0 Overboots 52 – 8959 . XX / 833.0 Gloves helmet w/chin strap, visor(s) and valise*	
Trademark Outershell	100% para-aramide knitwear, inside napped, outside coated with „double mirror“ PET – film, mat. 833.0	
Weight [g/m ²]	415	
Lining (1) thermal lining	100% para-aramide non-woven, 170 g/m ² , mat. 837.1	
Lining (2) inner lining	100% FR cotton, ≥230 g/m ² , mat. 881.1	Nomex® Comfort, 190 g/m ² , mat 803.1
Lining code XX	73	79
Application	Firefighting at intense radiant heat	
Temperature range	<1.300° C radiation	
Packing unit	1 piece	
Product packing	Valise, art. 30 – 0041 . 00 / 898.9	
Dispatch packing	Cardboard box	
Storage	Dry and dustfree	
Washing temperature	Aluminised PPE may not be washed	
Cleaning	Aluminised PPE may only be cleaned by a humid sponge	
Waste removal	Waste, depending on contamination by use	
Allergies	No skin irritation known	

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General requirements	Standard	Level / Rate			
		required	tested		
4.2.3 Sizes	EN 340	Up to body height in cm			
		175	180	185	
		1 = S (46/48)	2 = M (50/52)	3 = L (54/56) 4=XL (58/60)	
7.1 Dimensional change	ISO 5077	≤ 3% (only for detachable linings)			
7.3 Burst strength [kPa]	ISO 13938	>600	1.097		
7.4 Tear strength [N]	ISO 4674	machine: >25 cross: >25	74 50		
7.5 Burst strength/outer seams [kPa]	ISO 13934	>300	564		
Burst strength/lining seams [kPa]		>180	1.120		
8.1 Surface wetting	EN 24920	≥ 4			
Chromium VI [mg/kg]		0,33			
Thermal requirements	Standard	XX = 73		XX = 79	
		required	tested	required	
6.1 Burning behaviour	ISO 15025	afterflame: 0 s afterglow: 0 s no hole formation no burning debris			
6.2 Radiant heat RHT ₁₂₄	ISO 6942	≥120	>200	≥120	>200
6.3 Convective heat (flame) HT ₁₂₄	EN 367	≥21	22	≥21	21
6.4 Contact heat [s]	EN 702	≥17	17	≥17	17
6.5 Heat resistance (5 min/180°C)	ISO 17493	shrinkage <5%, no melting, no dripping, no igniting			
9 Marking	EN 1486 / 340				
Notified body		BGIA, Alte Heerstraße 111, D-53757 Sankt Augustin 2008 20121 200821549 08 01053 0801071			
CE-type examination no.					
Certification no.					
96-98 EC Marine Directive / Certification no.		209.022		209.023	
Notified body		See-Berufsgenossenschaft, Reimerstwiete 2, 20457 HH			



30-3021.XX/833.0



52-8959.XX/833.0



30-0121.XX/833.0

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No.	Part No.	Garment Specification / components	Comprising	Complete kit - 3-layers	
				weight in kg (item 1-5)	
				Lining code	Lining code
				73 (FR cotton)	79 (Nomex®)
1.	30-3021.XX/833.0	1 – 6		7,62	7,47
1a)	10-0403.XX/833.0	Hood shaped to the helmet, frame from textile for visors, 300 x 140 mm. Hood with stretchable device fitting for each type of safety helmet. This construction takes care that the panoramic field of vision remains even when head is turned.	1 pc	0,70	0,60
1b)	11-8390.00/100.0	Helmet type Schuberth BOP II, according to EN 397	1 pc	0,37	0,37
1c)	11-8391.00/100.7	Chin strap	1 pc	0,03	0,03
1d)	12-8090.00/289.8	Visor (inner) PC clear, 300 x 140 x 1 mm	1 pc	0,02	0,02
1e)	12-8092.00/291.7	Visor (outer) PC gold vaporised, 300 x 140 x 1 mm	1 pc	0,02	0,02
2.	25-1021.XX/833.0	Jacket with hooks and D-rings, 2 pockets with eyelets for drainage, flap and covered snap fasteners, adjustable thumb loops from leather, bag for SCBA	1 pc	3,00	2,80
3.	26-5111.XX/833.0	Trousers with high back protection, fixed elastic suspenders, wide front flap, elastic leg hems, without pockets	1 pc	2,00	1,85
4.	30-0121.XX/833.0	Overboots to be worn over safety boots, sole from heat-resistant leather, back closure by snap fasteners, adjustable by buckle	1 pr	0,96	0,90
5.	52-8959.XX/833.0	Gloves 5-fingers, palm made from heat-resistant leather, 400 mm long	1 pr	0,50	0,48
6.	30-0041.00/898.9	Valise made of coated fabric, with handles, zip fastener, dimensions in cm	1 pc 50 x 40 x 40	0,60	0,60
Accessories					
7.	30-0030.00/185.4	Boots EN ISO 20345 S5, safety rubber boots, antistatic, oil-resistant sole, cap and sole reinforced with steel, size 44 Note: Because type and shape of ff-boots are very different world-wide, and sizing is strictly individual the kit does not contain boots	1 pr	2,4	2,4