SCHÜMER protective workwear: Fabrics for flame and heat protective clothing

Schümer functional textiles

protective workwear
FABRICS TO PROTECT

SCHÜMER SECAN PLUS · SCHÜMER proTEC · SCHÜMER VISCANamid · SCHÜMER SECAN · SCHÜMER SECAN SECURO · SCHÜMER aluTEC · SCHÜMER X-FIRE

Article	No.	Material %	Weave	Weight g/sqm	Range of application: Metal production, metal processing e.g. steelworks, machine construction, welding, grinding	Range of application: Aluminium, magnesium	Range of application: Industry, electric utility e.g. gas, oil, other hazardous areas	Range of application: Turnout gear and service clothing, multilayered e.g. fire fighters, other special forces	European Standards: Protective clothing against heat and flame EN ISO 11612 A1 → surface ignition	A2 → edge ignition	B → convective heat code B1/B2/B3	C → radiant heat code C1/C2/C3/C4	D → liquid aluminium splashes code D1/D2/D3	E → liquid iron splashes code E1/E2/E3	F → contact heat code F1/F2/F3	Protective clothing for use in welding and allied processes EN ISO 11611 A1 → surface ignition (class 1)	A2 → edge ignition / Effect of metal splashes Radiant heat (class 2)	Protective clothing against the thermal hazards of an electric arc IEC 61482-1-2 Ed. 2 - class 1: 4kA or class 2: 7kA	Protective clothing with electrostatic properties EN 1149-5 Electrostatic properties	EN 1149-1 Test method for measurement of surface resistivity	EN 1149-3 Test methods for measurement of charge decay	Protective clothing against liquid chemicals EN 13034 type 6 - limited protective performance against liquid chemicals	High-visibility clothing EN ISO 20471	Further certifications	Care: Domestic washing and drying procedures EN ISO 6330 proc. 6N+F	Industrial washing + finishing procedures EN ISO 15797 proc. 8 drying A (Tumbler)	Garment: Jacket, trousers, overall	Shirt	Lining
permanent flame retardant	283	CO 100	plain	220				✓	A1+A2																✓				✓
SCHÜMER SECAN®	6485	CO 100	satin	240	✓				A1+A2	B1	C1		E1	F1	A1+A2						o			✓			✓	✓
SCHÜMER SECAN® PLUS	6301	CO 100	twill 2/1	290	✓				A1+A2	B1	C1		E1	F1	A1+A2						o			✓	✓	✓		
SCHÜMER SECAN® PLUS	ES 322	CO 100	twill 3/1	330	✓				A1+A2	B1	C1		E2	F1	A1+A2						o			✓	✓	✓		
SCHÜMER SECAN® PLUS	SP 21	CO 100	satin	360	✓				A1+A2	B1	C1		E2	F1	A1+A2						o			✓	✓	✓		
SCHÜMER SECAN® PLUS	B 84	CO 100	double pilot	420	✓		✓		A1+A2	B1	C1		E3	F1		A1+A2					o			✓	✓	✓		
SCHÜMER SECAN® PLUS	SP 216	CO 100	satin	420	✓		✓		A1+A2	B1	C1		E3	F1		A1+A2	Kl. 1				o			✓	✓	✓		
SCHÜMER SECAN® PLUS	6622	CO 100	double pilot	460	✓		✓		A1+A2	B1	C1		>E3*	F1		A1+A2	Kl. 1				o			✓	✓	✓		
SCHÜMER SECAN® PLUS	B86	CO 100	double pilot	530	✓				A1	B1	C2		E3	F1		A1					o			✓	✓	✓		
SCHÜMER SECAN® PLUS	8683	CO/PA 90/10	satin	420	✓		✓		A1	B1	C1		E3	F1		A1					o			✓	✓	✓		
SCHÜMER SECAN® SECURO	8727	CO 100 + Ast	twill 2/1	250	✓		✓		A1+A2	B1	C1		E1	F1	A1+A2		Kl. 1		✓		o			✓	✓		✓	✓
SCHÜMER SECAN® SECURO	8383	CO/Ast 98/2	twill 2/1	310	✓		✓		A1+A2	B1	C1		E2	F1		A1+A2			✓		o			✓	✓	✓		
SCHÜMER SECAN® SECURO	8786	CO/Ast 98/2	satin	340	✓		✓		A1+A2	B1	C1		E3	F1		A1+A2	Kl. 1		✓		✓			✓	✓	✓		
SCHÜMER SECAN® SECURO	8726	CO/Ast 98/2	satin	420	✓		✓		A1+A2	B1	C1		E3	F1		A1+A2	Kl. 1		✓		✓			✓	✓	✓		
SCHÜMER SECAN® SECURO	8654	CO/Ast 98/2	double pilot	460	✓		✓		A1+A2	B1	C1		E3	F1		A1+A2	Kl. 1		✓		✓			✓	✓	✓		
SCHÜMER SECAN® SECURO	8590	CO/PA/Ast 79/19/2	twill 3/1	320	✓		✓		A1	B1	C1		E2	F1	A1				✓		o			✓	✓	✓		
SCHÜMER SECAN® SECURO	8730	CO/PA/Ast 89/10/1	satin	360	✓		✓		A1+A2	B1	C1		E3	F1	A1+A2		Kl. 1		✓		o			✓	✓	✓		
SCHÜMER SECAN® SECURO	8725	CO/PA/Ast 89/10/1	satin	430	✓		✓		A1+A2	B1	C1		E3	F1		A1+A2			✓		✓			✓	✓	✓		
SCHÜMER SECAN® SECURO	8788	CO/PA/Ast 89/10/1	twill 3/1 X	470	✓		✓		A1+A2	B1	C1		E3	F1		A1+A2	Kl. 1		✓		o			✓	✓	✓		
SCHÜMER proTEC	8733	CV/MAC/Ast 49/49/2	twill 2/1	170	✓		✓		A1	B1	C1								✓					✓			✓	
SCHÜMER proTEC	8767	MAC/CO/Ast 54/44/2	twill 2/1	265	✓		✓		A1	B1	C1		E1	F1	A1		Kl. 1		✓		✓	o		✓		✓		
SCHÜMER proTEC	8587	MAC/CO/Ast 54/44/2	twill 2/1	320	✓		✓		A1+A2	B1	C1		E2	F1	A1+A2		Kl. 1		✓		✓	RAL 1026		✓		✓		
SCHÜMER aluTEC	8765	CV/WV/PA 50/30/20	twill 3/1	360	✓	✓			A1	B1	C1	D3	E3	F1	A1		Kl. 1				o			✓		✓		
SCHÜMER aluTEC	8437	CV/WV/PA 50/30/20	twill 2/1	360	✓	✓			A1	B1	C1	D3	E3	F1	A1		Kl. 1				o			✓		✓		
SCHÜMER VISCANamid	8431	CV/m-Ara 65/35	plain	130				✓	A-Index 3														EN 14116	✓				✓
SCHÜMER VISCANamid	8431 quilted	CV/m-Ara 65/35 + fleece	plain	300				✓	A1														EN 17493	✓				✓
SCHÜMER VISCANamid	8615	CV/m-Ara 65/35	plain	165				✓	A1+A2														EN 17493	✓				✓
SCHÜMER VISCANamid	7422	CV/m-Ara 65/35	plain	170	✓		✓	✓	A1	B1	C1													✓			✓	✓
SCHÜMER VISCANamid	8614	CV/m-Ara 65/35	twill 2/2	300	✓		✓	✓	A1+A2												✓		EN 469 + KS03	✓		✓		
SCHÜMER VISCANamid	8784	CV/m-Ara/Ast 65/35/1	twill 2/2	320	✓		✓		A1	B1	C1		E2	F1	A1				✓		o			✓		✓		
SCHÜMER X-Fire	8271	m-Ara/p-Ara/Ast 88/10/2	twill 2/1	200				✓	A1										✓		✓		EN 469	✓		✓		
SCHÜMER X-Fire	8271 + laminate	m-Ara/p-Ara/Ast 88/10/2 + lam.	twill 2/1	235				✓	A1										✓		✓		EN 469	✓		✓		

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✓ = fulfilled I o = optional CO = Cotton I PA = Polyamide I MAC = Modacryl I WV = Wool I CV = Viscose FR I m-Ara = Meta-Aramid I p-Ara = Para-Aramid I Ast = Antistatic yarn / fibre

*>E3 certified 408 g

Status: October 2019

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Standard colours (you will find original colours on the product information sheets) - special colours are available with a minimum quantity of 1'000m.

Artikel	Nr.	Material %	GREY											BLUE															BEIGE OLIVE GREEN						YELLOW ORANGE RED										WHITE BLACK					
			grey 754	grau FK	grey FK 5590	grey FK 6193	darkgrey FK 6552	grey FK 6777	grey FK 6691	grey-melange FK 6597	grey FK 6753	grey FK 6785	grey FK 6020	blue FK 3850	navy FK 6480	blue FK 5762	blue FK 6554	navy FK 6688	light blue FK 6792	blue FK 6773	navy FK 6703	blue RAL 5004	blue FK 6754	blue FK 6761	blue FK 5051	blue FK 6418	blue FK 6815	navy FK 6818	beige FK 2752	olive FK 3742	olive RAL 6003	olive FK 6560	olive FK 6793	green FK 4980	hi-vis yellow RAL 1026	orange RAL 2004	maize yellow FK 6743	sand FK 6429	orange FK 6725	orange FK 6342	orange FK 6764	orange FK 6856	red 251	bordeaux 265	white 0014	darkblue FK 6454	darkblue FK 6590	darkblue FK 6598	black FK 6553	black N 0920
perm. schwerentflammbar	283	CO 100																																																	
SCHÜMER SECAN®	6485	CO 100																																																	
SCHÜMER SECAN® PLUS	6301	CO 100																																																	
SCHÜMER SECAN® PLUS	ES 322	CO 100																																																	
SCHÜMER SECAN® PLUS	SP 21	CO 100																																																	
SCHÜMER SECAN® PLUS	B 84	CO 100																																																	
SCHÜMER SECAN® PLUS	SP 216	CO 100																																																	
SCHÜMER SECAN® PLUS	6622	CO 100																																																	
SCHÜMER SECAN® PLUS	B86	CO 100																																																	
SCHÜMER SECAN® PLUS	8683	CO/PA 90/10																																																	
SCHÜMER SECAN® SECURO	8727	CO 100 + Ast																																																	
SCHÜMER SECAN® SECURO	8383	CO/Ast 98/2																																																	
SCHÜMER SECAN® SECURO	8786	CO/Ast 98/2																																																	
SCHÜMER SECAN® SECURO	8726	CO/Ast 98/2																																																	
SCHÜMER SECAN® SECURO	8654	CO/Ast 98/2																																																	
SCHÜMER SECAN® SECURO	8590	CO/PA/Ast 79/19/2																																																	
SCHÜMER SECAN® SECURO	8730	CO/PA/Ast 89/10/1																																																	
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SCHÜMER SECAN® SECURO	8788	CO/PA/Ast 89/10/1																																																	
SCHÜMER proTEC	8733	CV/MAC/Ast 49/49/2																																																	
SCHÜMER proTEC	8767	MAC/CO/Ast 54/44/2																																																	
SCHÜMER proTEC	8587	MAC/CO/Ast 54/44/2																																																	
SCHÜMER aluTEC	8765	CV/WV/PA 50/30/20																																																	
SCHÜMER aluTEC	8437	CV/WV/PA 50/30/20																																																	
SCHÜMER VISCANamid	8431	CV/m-Ara 65/35																																																	
SCHÜMER VISCANamid	8431 versteppt	CV/m-Ara 65/35 + Vlies																																																	
SCHÜMER VISCANamid	8615	CV/m-Ara 65/35																																																	
SCHÜMER VISCANamid	7422	CV/m-Ara 65/35																																																	
SCHÜMER VISCANamid	8614	CV/m-Ara 65/35																																																	
SCHÜMER VISCANamid	8784	CV/m-Ara/Ast 65/35/1																																																	
SCHÜMER X-Fire	8271	m-Ara/p-Ara/Ast 88/10/2																																																	
SCHÜMER X-Fire	8271 + Laminat	m-Ara/p-Ara/Ast 88/10/2 + Lam.																																																	

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