



AKATEK

Protective Textiles

WOVEN FABRICS

Code	Woven Fabric Name	Composition	Weaving Type	Weight (g/m ²)	Width (cm)	EN ISO 11612						EN ISO 11611	IEC 61482-2	IEC 61482-2 ATPV	EN 1149-3 EN 1149-5
						A	B	C	D	E	F				
386	Fire-Resist 195	75% MetaAramid-23% ParaAramid-2% Antistatic	2/1 Twill	195	160	A1	B1	C1			F1				✓
392	Fire-Resist 195 RS	75% MetaAramid-23% ParaAramid-2% Antistatic	2/1 Twill Ripstop	195	160	A1	B1	C1			F1				✓
444	Poseidon 200	79% MetaAramid-20% ParaAramid-1% Antistatic	Special Twill	200	160	A1	B1	C1			F1				✓
305	Fire-Blocker 155	93% MetaAramid-5% ParaAramid-2% Antistatic	1/1 Plain	155	160	A1	B1	C1			F1		APC1		✓
335	Fire-Blocker 200	93% MetaAramid-5% ParaAramid-2% Antistatic	2/1 Twill	200	160	A1	B1	C1			F1		APC1	7.5 cal/cm ²	✓
380	Fire-Blocker 220	93% MetaAramid-5% ParaAramid-2% Antistatic	2/2 Twill	220	160	A1	B1	C1			F1		APC1	8.2 cal/cm ²	✓
345	Body-Guard 160	55% Viscose FR-44% MetaAramid-1% Antistatic	1/1 Plain	160	160	A1	B1	C1			F1		APC1		✓
342	Body-Guard 250	55% Viscose FR-44% MetaAramid-1% Antistatic	2/1 Twill	250	160	A1	B1	C1			F1		APC1	8.7 cal/cm ²	✓
6000	Fire-Lining 120	50% Viscose FR-45% MetaAramid-5% ParaAramid	1/1 Plain	120	160	A1	B1	C1			F1		APC1		✓
6001	Fire-Blocker 110 RS	93% MetaAramid-5% ParaAramid-2% Antistatic	1/1 Plain Ripstop	110	160	A1	B1	C1			F1		APC1		✓
374	MACO-S 250	60% Modacrylic-38% Cotton-2% Antistatic	2/1 Twill	250	160	A1	B1	C1		E2	F1		APC1	9.5 cal/cm ²	✓
479	MACO-S 300	60% Modacrylic-38% Cotton-2% Antistatic with Elastane	2/1 Twill	300	160	A1	B1	C1			F1		APC1		✓
439	Opti-Syn 160	33% Aramid-32% Modacrylic-23% Tencel-10% Polyamide-2% Antistatic	1/1 Plain	160	160	A1	B1	C1			F1		APC1		✓
435	Opti-Syn 220 RS	33% Aramid-32% Modacrylic-23% Tencel-10% Polyamide-2% Antistatic	2/1+3/1 Twill Ripstop	220	160	A1	B1	C1		E1	F1	Class 1	APC1	9.1 cal/cm ²	✓
482	Opti-Syn Elastane 250	33% Aramid-32% Modacrylic-23% Tencel-10% Polyamide-2% Antistatic with Elastane	2/1+3/1 Twill Ripstop	250	160	A1	B1	C1			F1		APC1		✓
477	Double Face High Visible 260	34% Modacrylic-34% Tencel-25% ParaAramid-5% Polyamide 6,6-2% Antistatic	Double Face	260	160	A1	B1	C1			F1		APC1		✓
443	Metal-Guard 330	57% FR Viscose-18% Polyamide-18% Wool-5% Aramid-2% Antistatic	6/1 Sateen	330	160	A1 A2	B1	C1	D2	E3	F1	Class 1			✓
349	Nayco Mechanic Stretch 200	30% Cotton-30% Polyamide-40% Mechanic Stretch	1/1 Plain	200	160	n/a	n/a	n/a			n/a	n/a	n/a	n/a	n/a

KNITTED FABRICS

Code	Knitted Fabric Name	Composition	Knitting Type	Weight (g/m ²)	EN ISO 11612						EN ISO 11611	IEC 61482-2	IEC 61482-2 ATPV	EN 1149-3 EN 1149-5
					A	B	C	E	F					
408	Knit Fire-Blocker 190	93% MetaAramid-5% ParaAramid-2% Antistatic	Single Jersey	190	A1	B1	C1		F1			APC1		✓
381	Knit Fire-Blocker 190	93% MetaAramid-5% ParaAramid-2% Antistatic	Interlock	190	A1	B1	C1		F1			APC1		✓
322	Knit Fire-Blocker 250	93% MetaAramid-5% ParaAramid-2% Antistatic	Interlock	250	A1	B1	C1		F1					✓
395	Knit Fire-Blocker 270	93% MetaAramid-5% ParaAramid-2% Antistatic	3 Thread Fleece	270	A1	B1	C1		F1					✓
351	Knit Body-Guard 220	55% Viscose FR-44% MetaAramid-1% Antistatic	Single Jersey	220	A1	B1	C1		F1					✓
361	Knit Body-Guard 220	55% Viscose FR-44% MetaAramid-1% Antistatic	Pique	220	A1	B1	C1		F1					✓
356	Knit Body-Guard 270	55% Viscose FR-44% MetaAramid-1% Antistatic	3 Thread Fleece	270	A1	B1	C1		F1					✓
326	Knit Para-Vis 180	78% Viscose FR-20% ParaAramid-2% Antistatic	Single Jersey	180	A1	B1	C1		F1			APC1		✓
327	Knit Para-Vis 230	78% Viscose FR-20% ParaAramid-2% Antistatic	Single Jersey	230	A1	B1	C1		F1			APC1		✓
440	Knit Opti-Syn 220	33% Aramid-32% Modacrylic-23% Tencel-10% Polyamide-2% Antistatic	Pique & Single Jersey	220	A1	B1	C1		F1			APC1		✓
352	Knit MACO-S 220	60% Modacrylic-38% Cotton-2% Antistatic	Single Jersey	220	A1	B1	C1		F1			APC1		✓
441	Knit MACO-S 220	60% Modacrylic-38% Cotton-2% Antistatic	Rib	220	A1	B1	C1		F1			APC1		✓
442	Knit MACO-S 250	60% Modacrylic-38% Cotton-2% Antistatic	Interlock	250	A1	B1	C1		F1			APC1		✓

NONWOVEN

Code	Name	Composition	Weight (g/m ²)	Width (cm)
3000	Nonwoven Waterjet	85% MetaAramid-15% ParaAramid	85	152-160
3001	Nonwoven Waterjet	85% MetaAramid-15% ParaAramid	55	152-160
3002	Nonwoven Needle Punched	100% MetaAramid	130	160

MOISTURE BARRIER

4000	Moisture Barrier	Heat Resistant Nonwoven laminated to a PU Membrane	90	150
4001	Moisture Barrier	Heat Resistant Nonwoven laminated to a PU Membrane	125	150
4002	Moisture Barrier	Heat Resistant Nonwoven laminated to an ePTFE Bicomponent Membrane	125	150
4003	Moisture Barrier	Heat Resistant 3D Nonwoven laminated to an ePTFE Bicomponent Membrane	165	150
4004	Moisture Barrier	Knitted Polyester Fabric laminated to a PU Membrane	85	150
4005	Moisture Barrier	Heat Resistant Nonwoven laminated to an ePTFE Bicomponent Membrane	90	150
4008	Moisture Barrier	Heat Resistant 3D Nonwoven laminated to PU Membrane	165	150

HEAT BARRIER

5000	Heat Barrier	Aramid Nonwoven quilted to an "Aramid/Viscose FR" inner Lining	205	160
5001	Heat Barrier	Aramid Nonwoven quilted to an "93% MetaAramid-5% ParaAramid-2% Antistatic" inner Lining	195	160
5002	Heat Barrier	Double layer Aramid Nonwoven quilted to an "93% MetaAramid-5% ParaAramid-2% Antistatic" inner Lining	220	160
5003	Heat Barrier	Aramid Felt quilted to an "Aramid/Viscose FR" inner Lining	250	160
5004	Heat Barrier	Double layer Aramid Felt quilted to an "Aramid/Viscose FR" inner Lining	380	160
5005	Heat Barrier	Three layers of Aramid Felt quilted to an "Aramid/Viscose FR" inner Lining	510	160

LINING

6000	Fire-Lining 120	50% Viscose FR-45% Metaaramid-5% Paraaramid (1/1 Plain)	120	160
6001	Fire-Blocker 110 RS	93% Metaaramid-5% Paraaramid-2% Antistatic (1/1 Plain Ripstop)	110	160

ACCESSORIES

Code	Name	Composition	Weight (g)	Width (cm)
8000	Elastic Fabric 400g/m2	3 Layer (93% MetaAramid-5% ParaAramid-2% Antistatic woven fabric stitched with 50% Aramid -50% Viscose FR inner lining and elastane fabric)	400	66
8001	Knitted Cuff	100% ParaAramid	51	8
8002	Knitted Cuff	91% MetaAramid-5% ParaAramid-2% Antistatic-2% Elastane	55	8
8003	Webbing	93% MetaAramid-5% ParaAramid-2% Antistatic	15	1,9
8004	Webbing	93% MetaAramid-5% ParaAramid-2% Antistatic	17	2,5
8005	Webbing	100% ParaAramid	35	4
8006	Webbing	100% ParaAramid	23	4
8007	Webbing	100% ParaAramid	8	2