

FR DURABILITY

Don't settle for washouts. Spot tests show some fabric brands can burn after they've been washed only a few times. The ISO 11612 standard only requires FR protection to last five trips to the laundry, and also only requiring for flame test on the surface of the garment. We'll show you tests results of the much tougher fabric edge-burn test on material washed and tumble dried 200 times that are as good as the first test!

That's the durability you get in every single meter of Daletec fabric. In addition, Daletec fabric range covers fabric that are certified according to NPFA 2112 as well.

EXCEPTIONAL ARC BLOCK

Daletec arc protection surpasses IEC 61482-1-2, and more importantly Daletec shows stronger and more reliable arc protection test results compared to the main competitors.

SKIN-SAFE AND COMFORTABLE

Some FR materials shouldn't be worn directly against skin. Many can be uncomfortable, rough and even harmful. Daletec fabric is always safe - no skin reactions or allergies, and meeting Oeko-Tex standard 100 class II, meaning a formaldehyde level lower than 75 ppm. And we invented the "Dale Comfort" softness standard that others struggle to meet.

WASH STABILITY

Guaranteed low shrinkage – you can pick your size and it will stay your size. If you choose brilliant, deep colors, they'll stay vibrant after repeated laundering.

And we have fabrics both suitable for home laundry as well as professional industrial wash (ISO 15797).



UL RECOGNIZED
COMPONENT



IEC 61482



EN ISO 20471



EN 11612



EN 11611



EN ISO 13034



EN 1149



Tested for harmful substances
according to Oeko-Tex® Standard 100
00000000 Institute



DALETEC has everything you need
for the most demanding end users

Hi-Vis yellow-plus-contrast-colors, certified to ISO 20471
Optional chemical splash protection, certified to EN 13034
Antistatic to quality, for EN 1149-3 and EN 1149-1
Products tested for both ASTM F1959, IEC 61482-1-1 and IEC 61482-1-2



HEADQUARTERS

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FOUNDED IN 1879

GLOBAL LEADER IN FR FABRICS

INDUSTRIAL AND TACTICAL WEAR

PROCESSING FR FABRICS

SINCE 1954

TESTED.CERTIFIED.TRUSTED

— by customers across the world —

www.daletec.com

PRODUCT NAME	WEIGHT GSM Oz/yd ²	WEAVE	COMPOSITION	WASHING °F °C	ISO 20471	EN ISO 11612	EN ISO 11611	EN 61482 -1-2	ATPV ELIM	NFPA 2112	AVAILABLE WITH
RIGSHIELD—OIL & GAS INDUSTRY											
101731 Liner	170 5	1/1 Plain	100% Cotton	140 60	0990	14116 & 11612-6.2					1149-3,1149-1
101736 TopGuard	180 5.3	1/1 Plain	100% Cotton	140 60		A1B1C1, ISO 14116					1149-3, UL pocket liner
851951 APEX	185 5.5	Satin RipStop	LenzingFR/Modacrylic/Co/Aramid/AS	150 66		A1A2B1C1F1			9.3	Yes	1149-3
502231 LightGuard	220 6.5	2/1 Twill	100% Cotton	140 60	2080 4433 4470	A1A2B1C1		Class1			1149-3, 13034, WW ¹
502531 TropicGuard	250 7.4	2/1 Twill	100% Cotton	140 60		A1A2B1C1	Class1	Class1			1149-3, 13034, WW ¹
812056 LightX*	240 7.0	2/1 Twill	96/3/1% Cotton/PolyStretch/AS	140 60							
822556 ArcX*	280 8.2	2/1 Twill	90/6/3/1% Cotton/Nylon/PolyStretch/AS	140 60							
503531 ClassicGuard	350 10.3	1/4 Satin	100% Cotton	140 60	2080 4433 0900	A1A2B1C1E3F1	Class2	Class1	11		1149-3, 13034, WW ¹
503551S ClassicSpark S	350 10.3	1/4 Satin	96/3/1% Cotton/Stretch/AS	140 60		A1A2B1C1E3F1	Class1	Class1	11 8.2		1149-3
502336 LightGear	240 7.1	2/1 Twill	100% Cotton	167 75		A1A2B1C1E1	Class1	Class1	7.6		1149-3
802236 HeatBeater	220 6.5	2/1 Twill	100% Cotton	150 66		A1A2B1C1E1	Class1	Class1	7.6		UL pocket liner
812236 ArcBeater	220 6.5	4/1 Satin	100% Cotton	150 66					8.9	Yes	
802536 GlobalArc	250 7.35	1/2 Twill	100% Cotton	150 66	2080	A1A2B1C1E3F1	Class1	Class1	8.4	Yes	1149-3, 13034, WW ¹
861751 Modamid Elite*	170 5.00	2/1 Twill	Modacrylic/Cellulose/Poly/AS	150 66							1149-3
872051 Modamid Arclite*	195 5.75	3D	Modacrylic/Cellulose/Aramid/AS	150 66							1149-3
862151 Modamid Air	210 6.2	2/2 Twill	Modacrylic/Cellulose/Aramid/AS	150 66		A1A2B1C1E1F1		Class1	8.8	Yes	
881581 Dalamid4*	150 4.4	2/1 Twill	98% Aramid/2% AS	150 66							
881881 Dalamid5*	180 5.5	2/1 Twill	98% Aramid/2% AS	150 66							
882081 Dalamid6*	200 5.9	2/1 Twill	98% Aramid/2% AS	150 66							
METALSHIELD—FOUNDRY & WELDING											
103151 Unispark	300 8.85	4/1 Satin	99/1% Co/AS	140 60	2080	A1A2B1C1E2F1	Class1	Class1	11		1149-3
544256 WelderSafe	390 11.5	4/1 Satin	79/20/1% Co/Pes/AS	167 75		A1A2B1C1E3F1	Class2	Class2			1149-3
504531 WelderGuard	450 13.3	1/4 Satin	100% Cotton	167 75		A1A2B1C1E3F1	Class2	Class1			
612574 Grindmaster	310 9.15	4/1 Satin	99/1% Co/AS	140 60	2080 4470	A1A2B1C1E3	Class2	Class1			1149-3
SPARKSHIELD—ELECTRICAL & UTILITY											
142536 Electra	250 7.35	2/1 Twill	75/25% Co/Pes	140 60							
142831 El-Safe	290 8.55	4/1 Satin	75/25% Co/Pes	140 60	2080 4023 5781	A1B1C1E3F1	Class1	Class1	11 9.4		
142036 El-Guard	195 5.7	2/1 Twill	80/20% Co/Pes	140 60	2080	A1B1C1				NFPA 70E	
802436 BluFlame Shirt*	245 7.2	2/1 Twill	100% Cotton	150 66							
643256 El-Pro	320 9.4	4/1 Satin	74/25/1% Co/Pes/AS	167 75	2080	A1B1C1E3F1	Class1	Class1			1149-3, 13034
643356X El-Safe X	330 9.7	4/1 Satin	80/16/3/1% CO/Poly/PolyStretch/AS	140 60	2080 5781	A1B1C1E3F1	Class1	Class1	13 12		1149-3
803836 BluFlame Jeans	385 11.4	3/1 Twill	100% Cotton	150 66						Yes	
803856S BluFlame JeansX*	385 11.4	3/1 Twill	96/3/1% Cotton/PolyStretch/AS	150 66		A1B1C1E3F1	Class1			Yes	1149-3
804236S BluFlame S*	420 12.4	2/1 Twill	98/2% Cotton/Stretch	150 66							
844236S BluFlame S+*	420 12.4	2/1 Twill	92/6/2% Cotton/PolyStretch/Stretch	150 66							
862551 Modamid Tropic	250 7.4	2/1 Twill	Modacrylic/Cellulose/AS	140 60	2080 4023	A1A2B1C1E1F1	Class1	Class1	10		1149-3, 13034
862753X MaxImus*	270 7.95	2/1 Twill	Modacrylic/Cotton/Nylon/PolyStretch/AS	167 75							1149-3, 13034
863153X Extreme X	310 9.1	4/1 Satin	Modacrylic/Cotton/Nylon/PolyStretch/AS	167 75	2080 3924 4205	A1B1C1D2E2F1	Class1	Class1	9.0 7.2		1149-3, 13034
802736S Canvas S*	270 7.95	2/2 Canvas	98/2% Cotton/Stretch	150 66	2080	A1A2B1C1F1	Class1	Class1	8.6 6.7	Yes	1149-3
801936 Canvas Shirt	190 5.6	2/2 Matt	100% Cotton	150 66							
802936 Canvas Pants	290 8.5	2/2 Matt	100% Cotton	150 66							
102738 ThermalQuilt	270 7.95	1/1 Plain	100% Co liner 100gsm FR wadding	140 60	0990	14116 & 11612-6.2					
104439 DoubleQuilt	440 13.0	1/1 Plain	2x100% Co liner 100gsm FR wadding	140 60							

* These articles are recent developments and are under certification process

Our range of flame retardant fabrics are Oeko Tex II certified

¹Wind and Water Treatment