

DEFENDER™


HEAT FELTS

**PERFORMANCE NEEDELEPUNCHED
HIGH TEMPERATURE FELTS**

DURAFIBER BOARDS | **SOFT FELT PADS**

 Para-Aramids (Kevlar® & Zylon®)

 Meta-Aramids (Nomex®)

 Polyester

www.defenderheatfelts.com

 **Albarrie**
Advanced Textiles for the Future




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DURAFIBER BOARDS PERFORMANCE NEEDLEPUNCHED FELTS

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Albarrie's Defender™ Heat Felts are high temperature fabrics that protect the critical surface finish of aluminum, glass and steel products during their manufacture. Originally designed as a replacement for graphite in aluminum extrusion handling systems, our felt products have been steadily adopted by other industries thanks to their extremely durable heat and cut resistance.

Defender™ products include an assortment of rollers, pads, belts, and spacer sleeves in a variety of technical felt materials including Kevlar®, Nomex®, and PBO.

Fabric Style Number	U/M	 6906 (F6135)	 5902R (F5135-RT)	 5904R (F5130-RT)
Fiber Type		Polyester	Nomex®	Nomex®
Weight	g/m ²	3150	1800	950
	oz/yd ²	92.9	53.1	28
Thickness	mm	9.4	5.0	3.5
	inches	0.38	0.2	0.14
Density	g/cm ³	0.335	0.36	0.27
	oz/in ³	0.194	0.21	0.16
Temperature (Decomposition/Softening)	°C	130	400	400
	°F	266	750	750

Fabric Style Number	U/M	 5921R (F5102-RT)	 5930R (F5105-RT)	 5935R (F5115-RT)
Fiber Type		Kevlar®	Kevlar®	Kevlar®/PBO
Weight	g/m ²	1300	3450	3650
	oz/yd ²	38	102	107.7
Thickness	mm	4.5	10	10
	inches	0.18	0.4	0.4
Density	g/cm ³	0.29	0.345	0.365
	oz/in ³	0.17	0.20	0.21
Temperature (Decomposition/Softening)	°C	525	525	650
	°F	975	975	1200

