

Honeywell



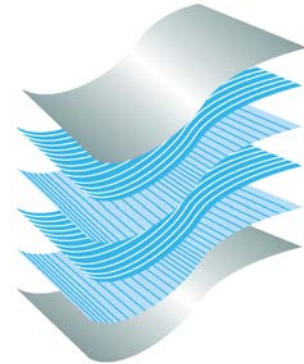
Honeywell Spectra Shield® II SA-4144
ballistic composite material
for soft armor applications

Product Information Sheet

Honeywell Spectra Shield® II SA-4144 ballistic composite material

Honeywell's high performance soft armor material combines Honeywell's patented Spectra® fiber with Shield technology.

Spectra Shield® II SA-4144 is a roll product consisting of four plies of unidirectional Spectra® fiber, crossplied at 0°/90°/0°/90° and sandwiched in a thermoplastic film.



4 fiber and resin plies, consolidated with thermoplastic film to protect the composite package.

Applications:

- Concealable and tactical body armor for Police, Special Forces, military & VIP's

Product Benefits:

- Advanced ballistic performance affording lighter body armor designs
- Superior NIJ threat ballistic performance
- Flexible, offering comfort & greater maneuverability
- Strong performance vs. fragmentation threats

CHARACTERISTICS (nominal)		
Roll Weight (target)	pounds	93.6
	kilograms	42.5
Width (minimum)	inches	63.0
	meters	1.60
	testing method	ASTM D3774-96 (2004)
Length (target)	feet	492
	meters	150
Total Areal Density	oz/yd ²	5.22 ±0.24
	g/m ²	177 ±8
	testing method	ASTM D3776-96 (2002)

For more information: Honeywell Advanced Fibers and Composites

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