



# Waxman Speciality Products

WAXMAN SPECIALITY PRODUCTS LTD  
 Part of the Waxman Group  
 Grove Mills  
 Elland  
 West Yorkshire  
 HX5 9DZ  
 England  
 Tel: +44 1422 310600  
 Fax: +44 1422 371391



## FR Viscose nonwoven fibre –inherent protection

SD FR Viscose nonwoven fibre is a new inherent fibre from Waxman Speciality Products Ltd that is ideal for blending with Kanecaron modacrylic fibres, polyester, cotton, and other cellulose fibres.

Incorporation of SD FR Viscose nonwoven allows inherently flame retardant fabrics to be produced which can comply with most European norms, and help provide a cost effective solution for the US mattress legislation, 16CFR1633 – the Federal requirement evolved from California’s TB603.

SD FR Viscose nonwoven is also certified to Oeko-Tex Standard 100 product class 1

Technical Data	
Flame Retardant	Non burning fibre
Various Fibre Dtex	2.2/3.3/5.6/7.8 dtex
Lustre	Bright – also available dope dyed black
Tenacity (cN/dtex)	1.65
Elongation (%)	19-22
Shrinkage(boiling water x 30mins)	1%

Features	Benefits
Inherently FR	Permanently FR without loss of performance.
Dope dyed black	Allows cost effective dyeing solutions, without the need for additional processing costs. Also no need to chemically treat or dye making an environmentally greener product.
Charring fibre	Fabrics that do not melt and drip
Excellent blending fibre	Cellulose-rich blends allow fabrics with a naturally soft handle for increased comfort.

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