

# Single Layer Polypropylene

## General Fabric Specification (F0899)

1	<b>Composition</b>		100% White Polypropylene
2	<b>Finish</b>		Loomstate
3	<b>Material</b>		High tenacity U/V stabilised multifilament with a tenacity of not less than 70 CN/tex
4	<b>Yarn</b>	Warp Weft	1100 dtex flat or Z60 1100 dtex flat or Z60
5	<b>Weave</b>		Plain single weave fabric
6	<b>Width</b>		3600mm +/- 40 mm
7	<b>Weight</b>		220 gsm +/- 10 gsm (BS2471)
8	<b>Ends</b>		8.7 +/- 0.2 cm each layer (BSEN1049)
9	<b>Picks</b>		10.0 +/- 0.2 cm each layer (BSEN 1049)
10	<b>Gauge</b>		0.55 +/- 0.03 mm (BS2544)
11	<b>Tensile</b>	Warp Weft	3000 N/50 mm minimum each layer (BS2576) 2700 N/50 mm minimum each layer (BS2576)
12	<b>Extension at break</b>	Warp Weft	25% maximum each layer (BS2576) 25% maximum each layer (BS2576)
13	<b>Tear Strength</b>	Warp Weft	900 N minimum each layer (BS5F100) 900 N minimum each layer (BS5F100)
14	<b>Burst Strength</b>		Exceeds test machine at 75 psi/layer
15	<b>Pore Opening Size</b>		0.25 mm
16	<b>Permeability</b>		> 30 l/ m <sup>2</sup> . s under 100 mm head  MN 15.7.09

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