



San Miguel Yamamura Woven Products Sdn. Bhd.

[Formerly known as San Miguel Woven Products Sdn. Bhd.]
A Subsidiary of San Miguel Yamamura Packaging International Ltd.

PRODUCT DATA SHEET

Customer Name	:	GENERAL
Product Name	:	WF 301
Product Type	:	3 LAYERS LAMINATE MADE UP OF A SINGLE SIDED REFLECTIVE ALUMINIUM FOIL BONDED TO REINFORCE HIGH DENSITY POLYETHYLENE WOVEN FABRIC BY SPECIAL FIRE RETARDANT MATERIAL
Product Design	:	AL / FR TIE LAYER / HDPE WOVEN FABRIC

	CHARACTERISTIC	TEST METHOD	UNIT (SI)	SPECIFICATION
Laminated Roll Specifications	Width	In-house	mm	Nominal ± 5
	Length	In-house	m	Nominal (<50) $\pm 2.0\%$ Nominal (≥ 50) $\pm 1.0\%$
	Grammage	BS EN 965	g/m ²	118 ± 10
	Resistance to Dry Delamination	AS/NZS 4201.1	-	No delamination
	Resistance to Wet Delamination	AS/NZS 4201.2	-	No delamination
	Shrinkage MD CD	AS/NZS 4201.3	%	< 0.5 < 0.5
	Duty			Light
	Tensile Strength MD CD	AS/NZS 1301.448s	kN/m	> 7.5 > 4.5
	Edge Tear Resistance	TAPPI T470	N	> 45
	Vapour Barrier classification	ASTM E 96	$\mu\text{g}/\text{N}\cdot\text{s}$	Medium 0.002 - 0.14
	Emissivity	ASTM C 1371	Index	Reflective ≤ 0.05
	Surface Water Absorbency	AS/NZS 4201.6	-	Unclassified
	Thermal Resistance	ISO 8301 / MS ISO 8302	M ² K/w	1.14

Fire Test	Fire Propagation of Material • Sub-index, i_1 • Overall Performance Index	BS 476 ; Part 6	Index	Pass (< 6) Pass (< 12)
	Surface Flame Spread Test			Class 1
	Classification of Fire Hazard	BS 476 ; Part 7	Class	Class 0