



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	: S 302A1
Product Type	: 7 LAYERS LAMINATE MADE UP OF DOUBLE-SIDED REFLECTIVE MATERIAL ALUMINIUM FOIL BONDED TO FR BUBBLE PACK BY SPECIAL FR MATERIAL
Product Design	: AL / FR TIE LAYER + SCRIM / FR BUBBLE (10mm) / TIE LAYER + SCRIM / AL

	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	300 \pm 100
	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			Heavy
	Tensile Strength MD CD	AS/NZS 1301.448s	kN/m	> 3.0 > 3.0
	Edge Tear Resistance	TAPPI T470	N	> 50
	Vapour Barrier classification	ASTM E 96	MNs/g	Medium < 450 > 7
	Emittance	ASTM C 1371	Index	Double Sided Reflective ≤ 0.05
	Surface Water Absorbency	AS/NZS 4201.6	-	Unclassified
Thermal Resistance	ISO 8301 / MS ISO 8302	M ² K/w	1.998	

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