

**TECHNICAL SPECIFICATION SHEET**
**Product Designation:**  
 BRIGHT SILVER 6/45GSM

**Product Code:**  
 BS6/45

**Manufacturer:**  
 BRIGHT PACKAGING INDUSTRY BERHAD

**Country of Origin:**  
 MALAYSIA

**CHARACTERISTIC**

 Colour Coating : Plain Silver  
 Description : Plain Silver Non-Alcohol  
 Coating Type : Water Base  
 Paper Side Laminated : Felt side  
 Foil Side Out : Bright Side

**LAMINATED PROPERTY**

Web Weight	Unit	Minimum	Target	Maximum
Paper Weight	gm/m <sup>2</sup>	40.50	45.00	49.50
Adhesive Weight	gm/m <sup>2</sup>	2.40	2.80	3.20
Aluminium Weight	gm/m <sup>2</sup>	14.60	16.20	17.80
Coating Weight	gm/m <sup>2</sup>	0.80	1.10	1.40
<b>Total Weight</b>	<b>gm/m<sup>2</sup></b>	<b>58.30</b>	<b>65.10</b>	<b>71.90</b>
Yield	m <sup>2</sup> /kg	17.15	15.36	13.91

  

Others	Unit	Value
Tensile Strength (MD)	kN/m	2.44
Tensile Strength (CD)	kN/m	1.20
Moisture	%	5.50
Thickness	µm	0.070
Core ID	mm	58 or 77
Maximum Roll OD	mm	400

**ALUMINIUM / METALIZED PROPERTY**

	Unit	Value
Material	type	Aluminium
Thickness	µm	6
Pinhole	holes/m <sup>2</sup>	Max. 600
Elongation	%	Min. 1
Temper	type	'O' Soft Temper
Alloy	code	A1235

**Chemical Composition**

Wt%

Si	Fe	Cu	Mn	Mg	Zn	Ti	Others	AL
Max. 0.65	Max. 0.65	Max. 0.05	Max. 0.05	Max. 0.05	Max. 0.10	Max. 0.06	Max. 0.03	Min. 99.35

*\*According to aluminium association standard*

 PREPARED BY: QUALITY ASSURANCE DEPARTMENT  
 \*All testing based on industry standard.