

## TECHNICAL SPECIFICATION SHEET

**Product Designation:**

BRIGHT GOLD 6/45GSM

**Product Code:**

BG6/45

**Manufacturer:**

BRIGHT PACKAGING INDUSTRY BERHAD

**Country of Origin:**

MALAYSIA

**CHARACTERISTIC**

Colour Coating	:	Gold
Description	:	Bright Gold Foil Woodfree
Coating Type	:	Solvent 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>	0.90	1.20	1.560
<b>Total Weight</b>	<b>gm/m<sup>2</sup></b>	<b>58.40</b>	<b>65.20</b>	<b>72.00</b>
Yield	m <sup>2</sup> /kg	17.12	15.34	13.89

Others	Unit	Value
Tensile Strength (MD)	kN/m	1.57
Tensile Strength (CD)	kN/m	1.11
Moisture	%	5.00
Thickness	µm	0.063
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.