

## TECHNICAL INFORMATION

### FLEXIBLE PACKAGING

#### ALUMINIUM FOR LAMINATION

##### CHEMICAL COMPOSITION (ALUMINIUM ASSOCIATION STANDARDS)

ALLOYS	SI	FE	CU	MN	MG	ZN	TI	OTHERS EACH	OTHERS TOTAL	ALUMINIUM (min)
1050	0-0.25	0-0.4	<0.05	<0.03	<0.05	<0.05	<0.03	<0.03		99.50
1200	FE+SI<1		<0.05	<0.05		<0.10	<0.05	<0.05	<0.15	99.00
8011	0.5-0.9	0.6-1.0	<0.10	<0.20	<0.05	<0.10	<0.08	<0.05	<0.15	REMINDER
8021B	0-0.4	1.1-1.7	<0.05	<0.03	<0.01	<0.05	<0.05	<0.03	<0.10	REMINDER
8079	0.05-0.3	0.7-1.3	<0.05			<0.10		<0.05	<0.15	REMINDER
8111	0.3-1.1	0.4-1	<0.10	<0.10	<0.05	<0.10	<0.08	<0.05	<0.15	REMINDER

##### TYPICAL PHYSICAL PROPERTIES

DENSITY 20-100°C (kg/dm <sup>3</sup> )	COEFF OF LINEAR EXPANSION 20-100°C (°C <sup>-1</sup> )	THERMAL CONDUCTIVITY 20-100°C (W/moc)	SPECIFIC HEAT 20-100°C (J/goC)	RESISTIVITY 20-100°C (ohm.m)	MELTING POINT (°c)
2.70 - 2.74	23.3 – 24.4X10	223 - 239	0.88 – 0.95	27 – 37 X 10	645 - 660

##### TYPICAL DIMENSIONS

WIDTH (mm)	TOLERANCES (mm)	OTHER PRODUCTS
	HEAT EXCHANGER STRIP	
=100	+ / - 0.2	+ / - 1
>100 a < / - 350	+ / - 0.3	+ / - 1
>350 a < / - 1000	+ / - 0.5	+ / - 1
> 1000	+ / - 1.0	+ / - 2

##### GAUGE TOLERANCES

	HEAT EXCHANGER STRIP	OTHER PRODUCTS
SPOT MEASUREMENT (90% confidence limit)		+/- 8%    +/- 6%
SPOT MEASUREMENT (95% confidence limit)	+/- 6%	
AVERAGE GAUGE – LOT WEIGHT </-3000kg	+/- 5%	+/- 8%    +/- 6%
AVERAGE GAUGE – LOT WEIGHT >3000 to < / - 10,000	+/- 4%	+/- 6%    +/- 5%
AVERAGE GAUGE – LOT WEIGHT </-3000kg	+/- 3%	+/- 4%    +/- 4%

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