

Product Specification / TDS Light Gauge Foil/soft foil Thickness: 6 – 25 μm	Doc. No	E-Q-01(01)
	Rev. No	00
	Issue No.	01
	Effective Date	01.06.2019
	Next Review date	31.05.2022
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Foil Material Below 9 micron: Aluminium alloy AA8079 or AA1235 conforming to Aluminium Association, USA specification.

9 micron and above micron: Aluminium alloy AA8011, AA 8079 and AA 1235 conforming to Aluminium Association, USA specification.

Temper Soft(Fully annealed; 'O')

Thickness(mm) 0.006,0.00635,0.007,0.009,0.012,0.018,0.020,0.025

Width 350 mm to 2100 mm

Thickness tolerance ± 6%

Width Tolerance ± 1 mm

Wet ability-Surface tension Grade A or to withstand 72 dynes/cm on each surface of the foil.

Surface One side matt and other side bright, Both side bright.

Stickiness Material shall be free on 1.5 meter length load.

Type of Core Aluminium or Steel

Core ID 76.2 mm or 152.4 mm

Reel OD Max. 850 mm(According to the customer order)

Splice Shall be made of smooth ultrasonic welding throughout the web width.

Number of Splice Average number of splices per roll shall not exceed two per roll.

Pin holes:

Thickness(mm)	Pin holes per square meter (Max.)
6 - 7 μm	450
8 - 9 μm	150
10-12 μm	100
13 -16 μm	10
17-25 μm	1
>25	Free of pin holes

Physical Properties

Tensile strength: 65- 100 N/mm²(Test Condition: Measuring length:100 mm, sample width:15mm, testing speed:100mm/min

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Thickness(mm)	Elongation (%)
6- 7 μm	>1.0
8 -9 μm	>1.5
10 – 12 μm	>2.5
13 – 16 μm	>3
17-25 μm	>4.5
>25	>5

Identification	Each reel is identified with a ticket having Product name, reel number, specification.
Packing	Rolls individually wrapped and secured to prevent damage or contamination in storage and/or transit. Placed in wooden box.
Test Certificate(COA)	Test certificate incorporates (a) Thickness (b) Width (c) Wet ability (d) No of pin holes and any other information sought by the customer can also be given.
Food Grade	<p>This specification complies with all applicable EU Regulations and directives regarding food contact legislation in particular with</p> <ul style="list-style-type: none"> • EU Framework Regulation (EC) No 1935/2004 • EU Regulation (EC) No. 2023/2006 on good manufacturing practice. • Directive (EC) 94/62, Article 11 and US CONEG regarding the heavy metal content of the sum of Pb, Cd, Hg and Cr < 100 ppm. <p>The used rolling oil complies with FDA 21CFR S 178.3910(a)</p> <p>This specification complies with the following applicable European Norms: EN 573-3,EN 602</p>