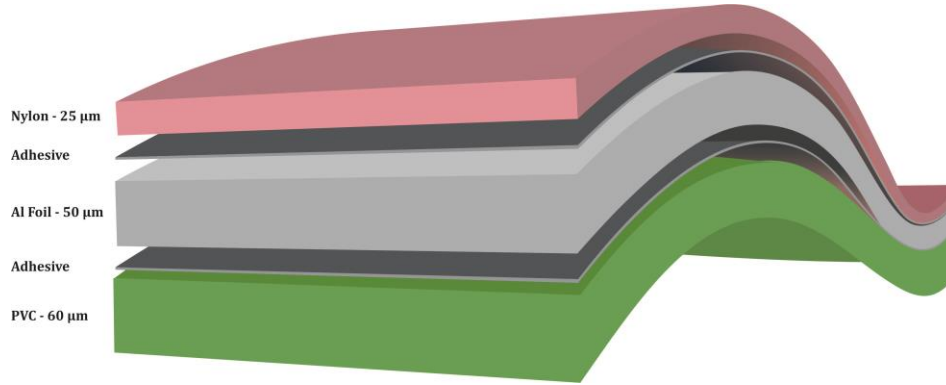


TECHNICAL DATA SHEET

PRODUCT: Cold-Form Foil (Alu-Alu), High Barrier Laminate for Pharmaceutical Packaging.

STRUCTURE: 25 µm Nylon / 50 µm Al Foil / 60 µm PVC



LAMINATE PROPERTIES:

S.No	Properties	Test Method	Unit	Typical Values	
1	Thickness	Internal (Caliper)	µm	143 ± 5 %	
2	Grammage	Internal	gsm	250 ± 5 %	
3	Yield	Internal	Sqm/ Kg	4.0	
4	Interlayer Bond Strength	Nylon / Al Foil	ADTM D 882	N / 15 mm	Min 4
		Al Foil / PVC	ADTM D 882	N / 15 mm	Min 5
5	Tensile Strength	MD	ASTM D 882	N / 15 mm	Min 150
		TD	ASTM D 882	N / 15 mm	Min 150
6	Elongation	MD	ASTM D 882	%	Min 70
		TD	ASTM D 882	%	Min 70
7	COF	Nylon / Metal	ASTM D 1894		0.15 – 0.40
		PVC / Metal	ASTM D 1894		0.15 – 0.40
8	MVTR (38 °C, 90% RH)	ASTM D 1249	g / sqm / day	Max 0.05	
9	OTR (23 °C, 0% RH)	ASTMD 3985 – 95	cc/ sqm / day	Max 0.05	

ROLL PROPERTIES:

10	Weight / Roll	Weighing Scale	Kgs	Required ± 1 Kg
11	Linear Length / Roll	Measuring Scale	Meters	Required ± 1 M
12	Core Type	Visual inspection		Paper board/metal
13	Core ID	Measuring Scale	mm	76 or 152 ± 0.2 mm
14	Visual inspection	No visual defects; delamination, blisters, spots etc.		
15	Packing	Each roll to be wrapped with bubble film and stretch films, to be suspended packed on two way pallet of dim 1060 mm x 710 mm x 200 mm using ply wood side boards of 710 mm x 710 mm x 20 mm, Two roll on one pallet. Weight of one pallet approx. 1100 kg.		