


Product	Aluminium Coil
Customer Name:	UNIVERSAL CABLES LTD.
Specification	0.5 to 2.3 mm x 50 to 400 mm
Alloy	AA-1060
Temper	Soft
OD/weight	As per PO (meter/length)/Kgs
ID	508 mm
Thickness Tolerance in mm	+/- 0.020mm for 0.5-1.0mm, 1.0-2.3mm +/-0.030mm
Width Tolerance in mm	+/-1 mm
Surface	Should be free from scratches, dent, brown stain, oil stain ,line mark, inclusion ,hole etc
Build up	Not telescopic more than 2mm.
Chemical Composition	As per IS 737-2008
Alloy - 1060	
Si	0.25 Max
Fe	0.35 Max
Cu	0.05 Max
Mn	0.03 Max
Mg	-
Cr	0.05 Max
Zn	0.06 Max
Ti	-
Others	-
Al	99.60 Min
Routing --Roll down from cast coil to final thickness--TLL F/G Coil--Slit in width without core in 508MM ID -Strapped with MS strip throughout the ID to avoid layer looseness near the ID --- Annealing @ 470/12hrs/410/4 hrs cooling-- QA checking--Packing -Dispatch	
Mechanical properties	As per IS 737-2008
Tensile strength (Mpa)	95 Mpa (Max)
Tensile strength (Mpa) Target to achieve	60-80 Mpa
Elongation	29% Min (0.5 mm to 1.5 mm thickness) 32% Min (1.5 mm to 2.5 mm thickness)
Critical	Postitive tolerance of width preferred. Free from edge waviness. Mtr Length should be +5 to 10 mm of required Mtr length. Coil should be joint free.
End Use	Cable tape


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