

## Ultra Light Gauge (ULG) CFULGS 6-7mic

Parameters		Specifications									
Foil Temper		Soft (O Temper)									
Alloy		AA8079, AA1235									
Width		Standard (± 1 mm)									
Foil Thickness Range		0.006 to 0.015 mm									
Foil Thickness Tolerance		+/- 5 %									
		Thickness (mm)		Alloy		Temper		UTS (MPa)		% Elongation	
Mechanical Properties		0.010		AA8011		O		60 – 100		≥ 1	
		0.011		AA8011		O		60 – 100		≥ 1	
		0.012		AA8011		O		60 – 100		≥ 1	
		0.014		AA8011		O		60 – 100		≥ 1	
		0.016		AA8011		O		60 – 100		≥ 1	
		0.018		AA8011		O		60 – 100		≥ 1	
		0.020		AA8011		O		70 – 100		≥ 1	
		0.025		AA8011		O		70 – 100		≥ 1	
Pinhole Count		Thickness (mm)						Pinhole count per sq m.			
		0.010– 0.013						60 max			
		0.014 – 0.016						40 max			
		0.017 – 0.018						30 max			
		0.019-0.020						1 max			
		0.025						Nil			
Wettability (Dyne/cm)		72 / Index - A (For Soft Foil)									
Free fall		1.5 Mtr. (Maximum)									
Reel OD (mm)		400 to 800									
Core ID (mm)		152.4 (± 0.5 mm)									
Type of Core		Steel									
Winding uniformity		± 0.5 mm edge wondering (Max)									
Winding		BSO/DSO (As per customer requirement)									
Surface		Shall be clean and free from scratches, wrinkles, cracks or other internal defects.									
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.									
		70 % Joint free									
		20 % with one joint									
		10 % with two joints									
Identification		Label on individual roll indicating Reel No., Thickness, Width, Surface, No. of joints, Net weight, Gross weight.									
Packing		Rolls are packed in export worthy packing. Each roll individually packed & placed in wooden box in suspended position or pyramid pallet packing.									
Storage		Storage must be in packed condition to avoided direct moisture and dust contact. The storage area must be cool and dry with a lower relative humidity and lower temperature variation.									
Chemical Composition											
Alloy	Standard	Si	Fe	Cu	Mn	Mg	Zn	Ti	Other		Al
									Ind.	Total	
AA8011	As per EN573-3	0.40 0.80	0.5-1.0	0.1 Max	0.1 Max	0.1 Max	0.1 Max	0.05 Max	-	≤0.15	Remainder