

## House Hold Foil (HHF) CFHHFS 11-25mic

Parameters		Specifications									
Foil Temper		Soft (O Temper)									
Alloy		AA8011									
Width		Standard (± 1 mm)									
Foil Thickness Range		0.010 to 0.025 mm									
Foil Thickness Tolerance		+/- 5 %									
		Thickness (mm)		Alloy		Temper		UTS (MPa)		% Elongation	
Mechanical Properties		0.006		8079/1235		O		60 – 100		>0.5	
		0.006		358079/1235		O		60 – 100		>0.5	
		0.006		58079/1235		O		60 – 100		>0.5	
		0.007		8079/1235		O		60 – 100		≥ 1	
Pinhole Count		Thickness (mm)						Pinhole count per sq m.			
		0.006 – 0.007						450 max			
Wettability (Dyne/cm)		72 / Index - A (For Soft Foil)									
Free fall		1.5 Mtr. (Maximum)									
Reel OD (mm)		500 to 800									
Core ID (mm)		152.4 (± 0.5 mm)									
Type of Core		Steel/Al									
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.									
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
AA8079	As per EN573-3	0.05 0.30	0.7-1.3	0.05 Max	-	-	0.1 Max	-	Ind. ≤0.05	Total ≤0.15	Remainder
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	≤0.05	≤0.15	Remainder
AA1235	As per EN573-3	0.65 Max		0.05 Max	0.05 Max	0.05 Max	0.1 Max	0.6 Max	≤0.03	-	99.35 min