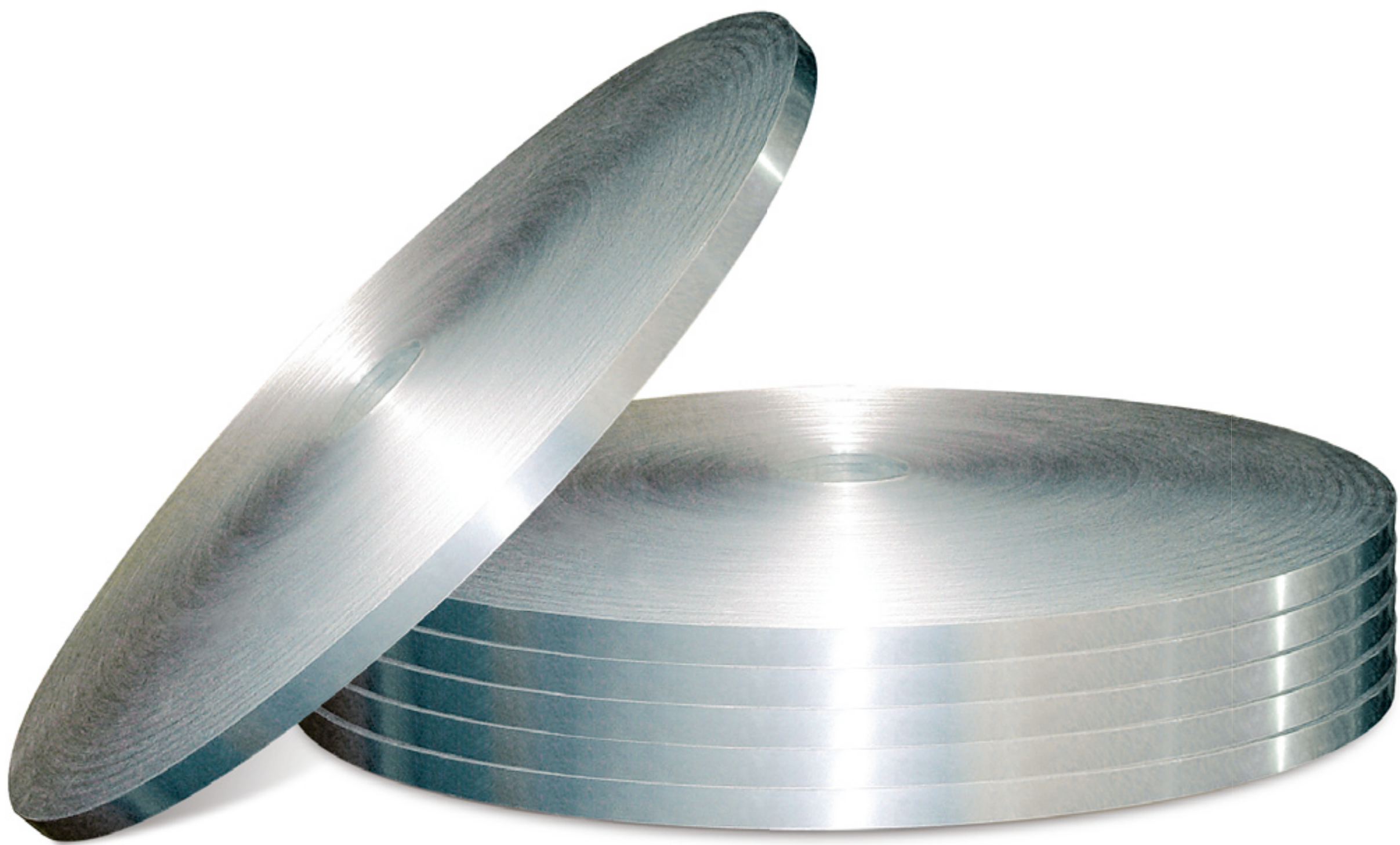


Copolymer Coated Aluminum Tape



Copolymer Coated Aluminum Tape consist of an aluminum tape coated on single side or both sides with an adherent ethylene copolymer either clear or color-coded blue. The aluminum base-tape measures up to GB8544 standards. The copolymer exhibits excellent adhesion to the aluminum substrate and has the chemical resistance and general characteristics of low-density polyethylene, it bonds to low, linear low, medium and high density polyethylene.

Types & Specifications of Copolymer Coated Steel Tape:

Thickness and Tolerance of Aluminum Tape(mm)	Thickness and Tolerance of Copolymer Coated Aluminum Tape (mm)		Thickness and Tolerance of Coating (mm)	Width (mm)	Length (mm)	inner core (mm)
	Type EL (Single Coated)	Type ELE (Double Coated)				
0.10±0.008	0.16±0.021	0.22±0.034	0.058±0.013	12-1000	1000-4100	Φ76 Φ100 Φ120 Φ150 Φ406
0.12±0.010	0.18±0.023	0.24±0.036				
0.15±0.012	0.21±0.025	0.27±0.038				
0.185±0.014	0.24±0.027	0.30±0.040				
0.20±0.016	0.26±0.029	0.32±0.042				

Technical Data:

S. No.	Item		Requirement
1	Appearance		The surface is plain, smooth, uniform, free from foreign matters, wrinkles, piebald and other mechanical damages and defects.
2	Tensile Strength, Mpa		≥54
3	Break Elongation,%		≥15
4	Peel Strength between aluminum tape and coating, N/cm		≥6.13
5	Cutting Strength of Heal Seal of Copolymer Coated Aluminum Tape		Break of Copolymer Coated Aluminum Tape, or damage between coating and aluminum tape, no cutting damage between heat seal area of coating
6	Heat Seal Strength of Copolymer Coated Aluminum Tape, N/cm		≥17.5
7	Water Tolerance (68±1°C,168h) Peel Strength N/cm		≥6.13
8	Jelly Resistance (68±1°C,168h)		No separation between aluminum tape and copolymer film
9	Corrosion Resistance (0.1mol/L, NaoH, 480h)		≥ Grade 7
10	Dielectric Strength	One-sided Copolymer Coated Aluminum Tape 1KV, d, c, 1min	Without Breakdown
		Two-sided Copolymer Coated Aluminum Tape, 2KV, d, c, 1min	Without Breakdown

Application: it can be used as moisture-proof layer, Shield layer of communication cable, fiber cable or other cable. Other specifications can be designed according to your special request.