

Application overview

SHIELDING

Application		Typical construction
Data transmission	LAN cable	25µm-50µm Al / 12µm-23µm PET
Telecom	Coaxial cables	9µm-25µm Al / 12µm-23µm PET / 9µm-25µm Al
	CATV cable	Copper and Aluminium based heat sealable tapes
	High conductivity shielding	Copper and Aluminium based heat sealable tapes
Electronic		Encapsulated cross talk barriers
	Instrumentation cable	9µm - 50µm Al / 9µm - 23µm PET
	Signal cable	9µm - 50µm Al / 9µm - 23µm PET
	Security cable	9µm - 50µm Al / 9µm - 23µm PET
Automotive	Heat sealables	Laminates and films

BARRIER TAPES

Application		Typical construction
Fire resistant	Aluminium based	23µm-25µm Al / flame retardant halogen free coating
	PET based	23µm PET / flame retardant halogen free coating
	Copper based	
Heating cable	Aluminium barrier	9µm - 50µm Al / 12µm - 23µm PET
Energy	Mechanical barrier	10µm - 50µm CU / 12µm - 23µm PET
	Moisture barrier	12µm - 75µm PET / heat sealable film up to 50µm
	Copper moisture barrier	50µm - 200µm Cu / 30µm - 50µm Copolymer
	Aluminium or Copper	Plain foils

