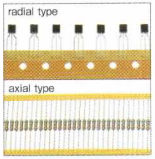
Adhesive Tapes for Electrical Equipment Belting／End-fixing

UL510FR = UL510 Flame retardant

1 kgf =9.80665N　　1 N =0.101972kgf

Product name	Tape No.	Indicated thickness	Backing (thickness, mm)	Type of adhesive	Overall thickness mm	Standard color	Standard length m	Peel adhesion N(gf)／W.25mm	Tensile strength N(kgf)／W.25mm	Elongation %	Features and applications	Tape sample
Belting tape	276		Crepe paper	Rubber-based	0.17		60, 500	6.13 (625)	73.5 (7.5)	13	Belting of electrolytic capacitor	276
	250		Crepe paper	Acrylic-based	0.17		200, 500 (3000)	———	110.3 (11.3)	14	Belting of electronic parts, radial (hot melt type) Heat press 10kgf/cm², 120°C , 1 sec.	250
	257		Crepe paper	Rubber-based	0.15	Blue, Cream	500, 1000 (3000, 6000)	7.35 (750)	73.5 (7.5)	13	Belting of electronic parts, axial	257
	584C		Flat paper	Rubber-based	0.12	White, Blue, Red, Yellow, and Cream	500, 1000 (3000, 6000)	14.91 (1520)	171.6 (17.5)	5	Belting of electronic parts, axial	584c
	587		Flat paper	Rubber-based	0.12	White, Sky blue	500 (3000, 6000)	13.73 (1400)	171.6 (17.5)	5	Belting of diode, axial	587
	272		Flat paper	Rubber-based	0.125		(10500)	9.81 (1000)	183.9 (18.8)	5	Belting of electronic parts, axial	272
	259B		Crepe paper	Rubber-based	0.175		200, 250	adhesion to self adhesive face 14.96 (1525)	98.1 (10.0)	14	Masking to metalize	259B
End-fixing tape for winding elements *	472	#30	Polypropylene film (0.030)	Acrylic-based	0.045		200, 300	6.13 (625)	110.0 (11.2)	150	For electrolytic capacitor	472 #30
**	4813	#16	Polyphenylene sulfide film (0.016)	Acrylic-based	0.025		200	8.30 (846)	68.5 (7.0)	40	For battery	4813 #16
***	466	#20	Polypropylene film (0.020)	Rubber-based	0.030	Blue, Green, Red, Yellow, and White	200	4.65 (475)	60.0 (6.1)	140	For battery Alkali resistance	466 #20
***		#30	Polypropylene film (0.030)	Rubber-based	0.045	Transparent, Deep green, and various color	200	7.35 (750)	110.0 (11.2)	150	For battery Alkali resistance Strong adhesion to polyolefine	#30
***	4663	#20	Polypropylene film (0.020)	Acrylic-based	0.030	Transparent	200	4.90 (500)	60.0 (6.1)	140	For battery Alkali resistance Good adhere to olefin	4663 #20
***		#30	Polypropylene film (0.030)	Acrylic-based	0.046	Transparent, Blue	200	5.88 (600)	110.0 (11.2)	150	For battery	#30
***		#60	Polypropylene film (0.060)	Acrylic-based	0.10	Transparent	200	14.71 (1500)	210.8 (21.5)	220	For battery	#60
****	6227	#12	Polyester film (0.012)	Hotmelt adhesive	0.015		about 1000	adhesion to self backside 3.33 (340)	39.2 (4.0)	80	One side: hotmelt adhesive Backside: for release to metalize	6227 #12



＊: Capacitor tape　＊＊: PPS film adhesive tape　＊＊＊: Polypropylene film adhesive tape　＊＊＊＊: CD film

Adhesive Tapes for Electrical Equipment Electrical conduction／shielding

UL510FR = UL510 Flame retardant
UL file No.E56086

Product name	Tape No.	Indicated thickness	Backing (thickness, mm)	Type of adhesive	Overall thickness mm	Standard color	Standard length m	Peel adhesion N(gf)／W.25mm	Tensile strength N(kgf)／W.25mm	Elongation %	Electrical resistance depthwise Ω／cm	Features, applications and standards met	Tape sample
Copper foil adhesive tape	831S		Electrolytic copper foil (0.035)	Acrylic-based	0.070		20	9.81 (1000)	245.2 (25.0)	—	———	EMI/RFI shielding. Shielding for switching transformers, etc. UL510FR	
Aluminum foil adhesive tape	833	0.08	Aluminum foil (0.050)	Acrylic-based	0.080		20, 50	14.71 (1500)	80.9 (8.3)	7	———	EMI/RFI shielding UL510FR	
		0.13	Aluminum foil (0.080)	Acrylic-based	0.13		20	19.61 (2000)	142.2 (14.5)	10	———		
Copper foil conductive adhesive tape	8321		Rolled copper foil (0.035)	Acrylic-based conductive	0.090		20	9.07 (925)	98.1 (10.0)	—	0.04	EMI/RFI shielding. Shielding for switching transformers, etc. UL510FR Soldering possible on backside No.8323 is thinner than No.8321	
	8323		Rolled copper foil (0.035)	Acrylic-based conductive	0.070		20	8.58 (875)	98.1 (10.0)	—	0.04		
Aluminum foil conductive adhesive tape	830		Aluminum foil (0.050)	Acrylic-based conductive	0.105		20	9.07 (925)	80.9 (8.3)	—	0.08	EMI/RFI shielding UL510FR No.8303 is thinner than No.830	
	8303		Aluminum foil (0.050)	Acrylic-based conductive	0.085		20	9.81 (1000)	80.9 (8.3)	—	0.08		
Shielding adhesive tape (Conductive cloth adhesive tape)	1823		Nickel/copper coated Polyester/ripstop (FLECTRON™)	Acrylic-based	0.185		20	11.03 (1125)	269.7 (27.5)	—	0.02	Extremely flexible. Able to withstand bending. Light EMI/RFI shielding. Auxiliary materials for shielded rooms	
	1825		Nickel/copper coated Polyester/ripstop	Acrylic-based	0.120		20	11.03 (1125)	264.8 (27.0)	—	0.05	Extremely flexible. Able to withstand bending. Light EMI/RFI shielding. Auxiliary materials for shielded rooms. UL510FR	
Double-coated conductive adhesive tape	791		Aluminum foil	Acrylic-based conductive	0.14		20, 50	14.71 (1500)	———	—	0.5	EMI/RFI shielding. Atachment, fixing of conductive parts	
Double-coated conductive adhesive tape	792		Rolled copper foil	Acrylic-based conductive	0.090		20, 50	8.58 (875)	———	—	0.02	EMI/RFI shielding. Atachment, fixing of conductive parts	
Double-coated conductive adhesive tape	795		Electrolytic copper foil (0.018)	Acrylic-based conductive	0.060		30	3.50 (357)	———	—	0.05	EMI/RFI shielding. Atachment, fixing of conductive parts No.795 is thinner than No.792	795