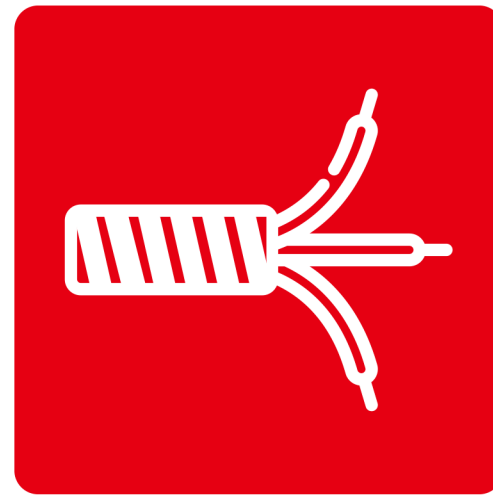


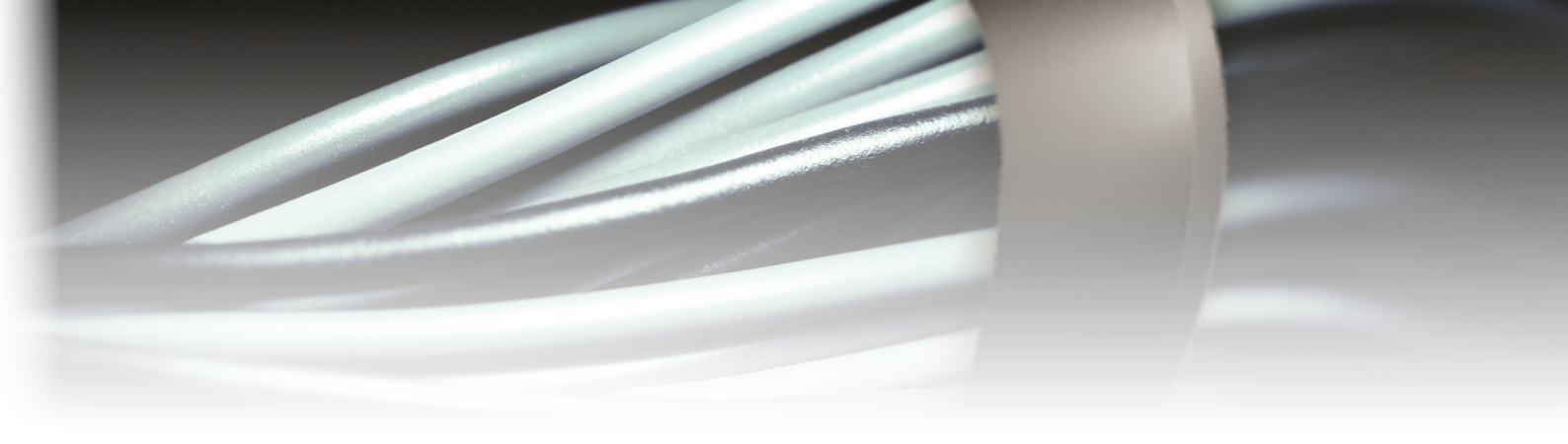


Automotive



Wire Harness Tape

Wire Harness Tape								
 Product No.	 Thickness mm(mils)	 Adhesion kg/cm(oz/in)	 Tensile Strength kg/cm(lbs/in)	 Elongation(%)	 Dielectric at Break (Volts./mil)	 Application Temp (°C)	 Feature/Application	 Remark
2117A	0.070±0.01 (2.76±0.39)	0.131(11.5)↑	1.2(6.70)↑	150↑	1000↑	80°C	•Flame retardant. •RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.	-
21563	0.165±0.017 (6.765±0.676)	0.180 (15.777)	2.4(13.41)↑	175↑	1000↑	80°C		ROHS 1.0
21L13	0.115±0.011 (4.50)	0.160 (14.023)	1.4 (7.82)↑	150↑	1000↑	80°C		
21L61	0.100±0.010 (3.9±0.4)	0.12(10)	1.4(8)	150	1000↑	80°C		
21L91	0.100±0.010 (3.9±0.4)	0.12(10)	1.4(8)	150	1000↑	80°C		
21S00	0.13±0.02 (5.12±0.79)	0.105 ↑ (9.43)	2↑ (11.06)	150 ↑	1000↑	80°C	•Soft and flexible, good workability on automotive wiring harness.	
21S21	0.090±0.010 (3.5±0.4)	0.10(8)	1.2(6)	150	1000↑	80°C	•Flame retardant. •RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.	
21S31	0.100±0.010 (3.9±0.4)	0.12(10)	1.4(8)	150	1000↑	136°C		
21Y01	0.115±0.012 (4.5±0.5)	0.16(14)	1.4(8)	150↑	1000↑	80°C		
21Y13	0.080±0.01 (3.14±0.39)	0.115- 0.173(10.17- 15.31)	1.4 (7.82)↑	150↑	1000↑	80°C		



Wire Harness Tape								
 Product No.	 Thickness mm(mils)	 Adhesion kg/cm(oz/in)	 Tensile Strength kg/cm(lbs/in)	 Elongation(%)	 Dielectric at Break (Volts./mil)	 Application Temp (°C)	 Feature/Application	 Remark
21Y23	0.125±0.012 (4.89)	0.160 14.023	1.4 (7.82)↑	175↑	1000↑	105°C	•Flame retardant. •RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.	ROHS 1.0
21Y33	0.125±0.012(4.89)	0.160 14.023	1.4 (7.82)↑	175↑	1000↑	136°C	•Flame retardant. •RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.	
21Y41	0.115±0.012 (4.5±0.5)	0.18(16)	1.4(8)	150↑	1000↑	136°C	•Flame retardant. •RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.	-
21Y53	0.090±0.01 (3.5±0.39)	0.115- 0.173(10.17- 5.31)	1.4 (7.82)↑	150↑	1000↑	80°C	•Flame retardant. •RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.	
K1L13	0.115±0.011 (4.50)	0.120 10.672	1.4 (7.82)↑	150↑	1000↑	80°C	•Flame retardant. •REACH and RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.	REACH svhc
K1Y21	0.115±0.012 (4.5±0.5)	0.12(10)	1.4(8)	150↑	1000↑	105°C	•Flame retardant. •RoHS 2.0 Compliance. •Soft and flexible, good workability on automotive wiring harness.	ROHS 2.0
K1Y51	0.120±0.012 (4.7±0.5)	0.16(14)	1.6(9)	150↑	1000↑	80°C	•Flame retardant. •RoHS 2.0 Compliance. •Soft and flexible, good workability on automotive wiring harness and color coding.	
K1L91	0.100±0.010 (3.9±0.4)	0.10(8)	1.4(8)	150	1000↑	80°C	•Flame retardant. •RoHS 2.0 Compliance. •Soft and flexible, good workability on automotive wiring harness.	



Wire Harness Tape

 Product No.	 Thickness mm(mils)	 Adhesion kg/cm(oz/in)	 Tensile Strength kg/cm(lbs/in)	 Elongation(%)	 Dielectric at Break (Volts./mil)	 Application Temp (°C)	 Feature/Application
P1Y03	0.105±0.01 (4.13±0.39)	0.14-0.29 (12.3-25.65)	1.4 (7.82)↑	150	1000↑	105°C	•Flame retardant. •REACH ,P65 and RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.
P1Y1A	0.125±0.01 (4.92±0.39)	0.14-0.29 (12.3-25.65)	1.4 (7.82)↑	150	1000↑	105°C	
P1Y23	0.090±0.01 (3.5±0.39)	0.13-0.18 (11.5-15.92)	1.4 (7.82)↑	150	1000↑	105°C	
P1Y2P	0.090±0.01 (3.5±0.39)	0.13-0.18 (11.5-15.92)	1.4 (7.82)↑	150	1000↑	105°C	
P1Y3P	0.093±0.01 (3.66±0.39)	0.13-0.18 (11.5-15.92)	1.4 (7.82)↑	150	1000↑	105°C	
P1Y43	0.093±0.01 (3.66±0.39)	0.13-0.18 (11.5-15.92)	1.4 (7.82)↑	150	1000↑	105°C	
P1Y53	0.090±0.01 (3.5±0.39)	0.13-0.18 (11.5-15.92)	1.4 (7.82)↑	150	1000↑	105°C	
P1Y6P	0.090±0.01 (3.5±0.39)	0.105-0.18 (9.29-15.92)	1.4 (7.82)↑	150	1000↑	105°C	
P1Y7P	0.085±0.01 (3.34±0.39)	0.13-0.18 (11.5-15.92)	1.4 (7.82)↑	150	1000↑	105°C	
P1Y83	0.100±0.01 (3.9±0.39)	0.13-0.18 (11.5-15.92)	1.4 (7.82)↑	150	1000↑	105°C	
ZK17A	0.090±0.01 (3.5±0.35)	0.105↑ (9.29)	1.9↑ (10.50)	150↑	1000↑	105°C	•Flame retardant. •REACH and RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.
ZK17B	0.080±0.01 (3.1±0.35)	0.087↑ (7.76)	1.4↑ (7.74)	150↑	1000↑	80°C	

Wire Harness Tape							
 Product No.	 Thickness mm(mils)	 Adhesion kg/cm(oz/in)	 Tensile Strength kg/cm(lbs/in)	 Elongation(%)	 Dielectric at Break (Volts./mil)	 Application Temp (°C)	 Feature/Application
ZK1TA	0.100 (3.9)	0.105 (9.29) ↑	2.2 (12.17) ↑	150 ↑	1000 ↑	105°C	•Flame retardant. •REACH and RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.
ZK1TB	0.100 (3.9)	0.095 (8.40) ↑	1.4 (7.74) ↑	150 ↑	1000 ↑	80°C	
ZK1TC	0.100 (3.9)	0.095 (8.40) ↑	1.4 (7.74) ↑	150 ↑	1000 ↑	80°C	
ZK1TD	0.100 (3.9)	0.068 (6.01) ↑	1.4 (7.74) ↑	150 ↑	1000 ↑	80°C	
ZK1ZB	0.125 (4.9)	0.105 (9.29) ↑	2.6 (14.38) ↑	150 ↑	1000 ↑	105°C	

Fine Line

Fine Line						
 Product No.	 Thickness mm(mils)	 Adhesion kg/cm(oz/in)	 Tensile Strength kg/cm(lbs/in)	 Elongation(%)	 Application Temp (°C)	 Feature/Application
X3931	0.120±0.012(4.7±0.5)	0.16(14)	1.4(8)	150	150°C	•Easy tear PVC film. Used for painting masking especially for arc curve color division. •Temperature resistance of up to 150°C*1hr
X3981	0.120±0.012(4.7±0.5)	0.16(14)	1.4(8)	120	150°C	
X5011	0.125±0.012(4.9±0.5)	0.16(14)	1.4(8)	150	170°C	•Easy tear PVC film. Used for painting masking especially for arc curve color division. •Temperature resistance of up to 170°C*1hr
X5031	0.125±0.012(4.9±0.5)	0.16(14)	1.4(8)	150	170°C	

★ REACH/RoHS version available.
★ The listed data are nominal values based on PSTC, ASTM and other standard testing methods. This data should not be considered as specification.

PET-NON WOVEN Wire Harness

PET-NON WOVEN Wire Harness							
 Product No.	 Thickness mm(mils)	 Adhesion kg/cm(oz/in)	 Tensile Strength kg/cm(lbs/in)	 Elongation(%)	 Application Temp (°C)	 Feature/Application	 Remark
25003	0.150±0.030 (5.9±1.18)	0.15↑(13.23)	7.35↑(40.51)	20%↑	125°C	•Flame retardant. •Soft and flexible, good workability on automotive wiring harness. •REACH/RoHS Compliance.	-
25073	0.280±0.030 (11.02±1.18)	0.30↑(26.46)	3.15↑(17.36)	20%↑	105°C	•Low odour, low atomization, and low VOCs •Flame retardant. •Soft and flexible, good workability on automotive wiring harness. •REACH/RoHS Compliance.	
25083	0.200±0.030 (8.0±1.18)	0.30↑(26.46)	7.90↑(43.54)	20%↑	105°C	•Low odour, low atomization, and low VOCs •Flame retardant. •Soft and flexible, good workability on automotive wiring harness. •REACH/RoHS Compliance.	
25A53	0.230±0.030 (9.05±1.18)	0.30↑(26.46)	21.05↑(116.02)	30%↑	105°C	•Low odour, low atomization, and low VOCs •Flame retardant. •Soft and flexible, good workability on automotive wiring harness. •REACH/RoHS Compliance.	
250B3	0.200±0.030 (8.0±1.18)	0.15↑(13.23)	3.15↑(17.36)	15%↑	125°C	•Flame retardant. •Soft and flexible, good workability on automotive wiring harness. •REACH/RoHS Compliance.	
K5100	0.28±0.04 (11.02±1.57)	0.263↑ (23.27)	4↑ (22.12)	17↑	105°C	•Easy tear •Low odor, low fogging and low VOCs emission. •Elcellent sound dampening, anti-abrasion properties and flame resistance. •Wire harness bundling in the passenger compartment of an automobile.	Meet LV-312 VW60360-1 standard
K51Z0	0.28±0.04 (11.02±1.57)	0.158↑ (13.98)	2.895↑ (16.01)	20 ~ 30	125°C	•Extreme low VOCs •High temperature resistance •Easy tear •Wire harness bundling in the passenger compartment of an automobile.	
K5A00	0.18±0.02 (7.09±0.79)	0.263↑ (23.27)	6↑ (33.18)	20↑	105°C	•Low odor, low fogging and low VOCs emission. •Elcellent anti-abrasion properties and flame resistance. •Easy tear •Wire harness bundling in the passenger compartment of an automobile.	
K5AZ0	0.25±0.05 (9.84±1.97)	0.263↑ (23.27)	5.263↑ (29.11)	5 ~ 15	150°C	•Extreme low VOCs •High temperature resistance •Easy tear •Wire harness bundling in high temperature area like engine compartment.	
P1Y33	0.095±0.01 (3.74±0.39)	0.13-0.18(11.5-15.92)	1.4 (7.82)↑	150	105°C	•Flame retardant. •REACH ,P65and RoHS Compliance. •Soft and flexible, good workability on automotive wiring harness.	-

Low-VOC PVC Adhesive Tapes

Low-VOC PVC Adhesive Tapes								
 Product No.	 Thickness mm(mils)	 Adhesion kg/cm(oz/in)	 Tensile Strength kg/cm(lbs/in)	 Elongation(%)	 Dielectric at Break (Volts./mil)	 Operating Temp (°C)	 Flammability Rating	 Feature/Application
1V1060W	0.135 (5.31)	0.12 (10.58)↑	3.0 (16.2)↑	180↑	---	-10°C~ 60°C	---	For industrial identification, color coding and duct wrapping purpose. Ideal for floor or aisle marking. REACH and RoHS Compliance.
1K1S30W	0.130 (5.1)	0.1 (9.3) ↑	1.6 (8.8) ↑	150 ↑	1000 ↑	80°C	---	Soft and flexible, good workability on automotive wiring harness. REACH and RoHS Compliance.
1Z21910W	0.115 (4.5)	0.16 (14.3)↑	0.79 (4.4)↑	100↑	800 ↑	-10°C~ 80°C	---	Suit for Top-grafting Pears REACH and RoHS Compliance.
1ZK17AW	0.09 (3.5)	0.105 (9.29) ↑	1.9 (10.5) ↑	150 ↑	1000 ↑	105°C	B	Soft and flexible, good workability on automotive wiring harness. Flame retardant. REACH and RoHS Compliance.
1ZK17BW	0.08 (3.1)	0.087 (7.76) ↑	1.4 (7.74) ↑	150 ↑	1000 ↑	80°C	B	Soft and flexible, good workability on automotive wiring harness. Flame retardant. REACH and RoHS Compliance.



Low-VOC PVC Adhesive Tapes									
 Product No.	 Thickness mm(mils)	 Adhesion kg/cm(oz/in)	 Tensile Strength kg/cm(lbs/in)	 Elongation(%)	 Unwinding Force(g/25mm)	 Dielectric at Break (Volts./mil)	 Operating Temp (°C)	 Flammability Rating	 Feature/Application
K109W	0.090(3.54)	0.10(8.82)↑	1.75(9.65)↑	150↑	320↑	1000↑	85°C	B	Soft and flexible, good workability on automotive wiring harness. Flame retardant. REACH and RoHS Compliance.
K110W	0.100(3.94)	0.10(8.82)↑	1.75(9.65)↑	150↑	320↑	1000↑	85°C	B	
K111W	0.100(3.94)	0.10(8.82)↑	1.75(9.65)↑	150↑	320↑	1000↑	125°C	B	
K115W	0.150(5.91)	0.10(8.82)↑	1.75(9.65)↑	150↑	390↑	1000↑	85°C	B	
K123W	0.130(5.12)	0.10(8.82)↑	1.75(9.65)↑	150↑	390↑	1000↑	125°C	B	
K133W	0.110(4.33)	0.10(8.82)↑	1.75(9.65)↑	150↑	390↑	1000↑	125°C	B	
K1A3W	0.100(3.94)	0.10(8.82)↑	1.75(9.65)↑	150↑	260-590	1000↑	125°C	B	
K1B3W	0.085(3.35)	0.10(8.82)↑	1.75(9.65)↑	150↑	260-590	1000↑	125°C	B	
ZK1T1	0.100(3.94)	0.125(11.02)↑	1.75(9.65)↑	150↑	390↑	1000↑	85°C	B	
K1T1W	0.100(3.94)	0.125(11.02)↑	1.75(9.65)↑	150↑	390↑	1000↑	105°C	B	
K1TAW	0.100(3.94)	0.125(11.02)↑	2.04(11.24)↑	150↑	520↑	1000↑	105°C	B	