



PCBs & cards

30AWG Insulated Wrapping Wire

Detailed product specifications are available on: us.100y.com.tw



ROLL SIZE AWG	30	28	26	24
BOND STRENGTH (LBS.)	2.0MAX	3.5MAX	4.0MAX	5.0MAX
CONDUCTOR RESISTANCE Ω/100 FT	105.1	66.2	41.6	26.2
CONDUCTOR MATERIAL	SILVER COATED COPEER			
INSULATION MATERIAL	"KYNAR"(COMPOUND OF POLYVINYLIDENE FLUORIDE)			
TEST VOLTAGE (INSULATION)	2,000 VOLTS FOR 1 MINUTE, RMS			
VOLTAGE RATING	150V			
TEMPERATURE RATING	105°C			
ELONGATION OF INSULATION	250% (MIN)			
ELONGATION OF CONDUCTOR	20% (MIN)			
TENSILE STRENGTH OF INSULATION	5,000 PSI (MIN)			
TENSILE STRENGTH OF CONDUCTOR	40,000 PSI (MAX)			
INSULATION RESISTANCE	1,930 MEGOHMS FOR 1,000 FT (MIN)			
CONCENTRICITY	80%			
MILITARY SPEC.	MIL-W 81822/13			

Part No.	Product No.	Description	Color	Length (Feet)	Temp. Rating	Volt. Rating
12781	K30-100-B	#30 Insulated Wrapping Wire	Black	100Feet/R	105°C	150V
12641	K30-100-BL	#30 Insulated Wrapping Wire	Blue	100Feet/R	105°C	150V
12643	K30-100-G	#30 Insulated Wrapping Wire	Green	100Feet/R	105°C	150V
12778	K30-100-R	#30 Insulated Wrapping Wire	Red	100Feet/R	105°C	150V
12780	K30-100-W	#30 Insulated Wrapping Wire	White	100Feet/R	105°C	150V
12783	K30-100-Y	#30 Insulated Wrapping Wire	Yellow	100Feet/R	105°C	150V
27073	K30-100- GREY	#30 Insulated Wrapping Wire	GRAY/GREY	100Feet/R	105°C	150V
12779	K30-100- Orange	#30 Insulated Wrapping Wire	Orange	100Feet/R	105°C	150V
27075	K30-100- BROWN	#30 Insulated Wrapping Wire	BROWN	100Feet/R	105°C	150V
12782	K30-100- Purple	#30 Insulated Wrapping Wire	Purple	100Feet/R	105°C	150V
23668	K30-500- BROWN	#30 Insulated Wrapping Wire	BROWN	500Feet/R	105°C	150V
14807	K30-500-B	#30 Insulated Wrapping Wire	Black	500Feet/R	105°C	150V
14374	K30-500-BL	#30 Insulated Wrapping Wire	Blue	500Feet/R	105°C	150V
14651	K30-500-G	#30 Insulated Wrapping Wire	Green	500Feet/R	105°C	150V
14808	K30-500-R	#30 Insulated Wrapping Wire	Red	500Feet/R	105°C	150V
14652	K30-500-W	#30 Insulated Wrapping Wire	White	500Feet/R	105°C	150V
14373	K30-500-Y	#30 Insulated Wrapping Wire	Yellow	500Feet/R	105°C	150V
23667	K30-500- Gray	#30 Insulated Wrapping Wire	Gray	500Feet/R	105°C	150V
22513	K30-500	#30 Insulated Wrapping Wire		500Feet/R	105°C	150V
23669	K30-500- Orange	#30 Insulated Wrapping Wire	Orange color	500Feet/R	105°C	150V



30 AWG (0.25MM) INSULATION DIAMETER 0.0195" (0.50MM) UL1423

Roll Size	White	Yellow	Blue	Red	Green	Black
500Ft. (152.0M) ROLL	R30-500-W	R30-500-Y	R30-500-BL	R30-500-R	R30-500-G	R30-500-B
1000Ft. (304.0M) ROLL	R30-1000-W	R30-1000-Y	R30-1000-BL	R30-1000-R	R30-1000-G	R30-1000-B

NOTE: ADDITIONAL COLORS AND LARGER ROLL SIZES MAY BE AVAILABLE, PLEASE CONTACT FACTORY FOR DETAILS

ROLL SIZE AWG	30	28	26	24
UL STYLE UL	1423	1422	1422	1423
OTHER DIAMETER	0.50MM	0.60MM	0.70MM	0.76MM
CONDUCTOR DIAMETER	0.25MM	0.32MM	0.40MM	0.50MM
INSULATION THICKNESS	0.005" NOM	0.0055" NOM	0.0057" NOM	0.0055" NOM
CONDUCTOR-TO-INSULATION	0.5MIN	0.5MIN	1.0MIN	1.0MIN
BOND STRENGTH (LBS.)	2.0MAX	3.5MAX	4.0MAX	5.0MAX
CONDUCTOR RESISTANCE Ω/100 FT	105.1	66.2	41.6	26.2

