



# PCBs & cards

## 30AWG Insulated Wrapping Wire

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



ROLL SIZE AWG	30	28	26	24
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
28176	R-30-1000	#30 Insulated Wrapping Wire	white color	1000Feet/R	105°C	150V
28172	R-30-1000	#30 Insulated Wrapping Wire	grey color	1000Feet/R	105°C	150V
28174	R-30-1000	#30 Insulated Wrapping Wire	red color	1000Feet/R	105°C	150V
28170	R-30-1000	#30 Insulated Wrapping Wire	brown color	1000Feet/R	105°C	150V
28175	R-30-1000	#30 Insulated Wrapping Wire	purple color	1000Feet/R	105?	150V
28177	R-30-1000	#30 Insulated Wrapping Wire	yellow color	1000Feet/R	105?	150V
28169	R-30-1000	#30 Insulated Wrapping Wire	blake color	1000Feet/R	105?	150V
28171	R-30-1000	#30 Insulated Wrapping Wire	green color	1000Feet/R	105?	150V
28173	R-30-1000	#30 Insulated Wrapping Wire	orange color	1000Feet/R	105?	150V
28168	R-30-1000	#30 Insulated Wrapping Wire	blue color	1000Feet/R	105?	150V
4609	R30B-100	Kynar_ #30 insulated silver plated copper wire	Blue	100Feet/R	105?	150V
7593	R30B-1000	Kynar_ #30 insulated silver plated copper wire	Blue	1000Feet/R	105?	150V
6009	R30B-500	Kynar_ #30 insulated silver plated copper wire	Blue	500Feet/R	105?	150V
4610	R30BLK-100	Kynar_ #30 insulated silver plated copper wire	Black	100Feet/R	105?	150V
8589	R30BLK-1000	Kynar_ #30 insulated silver plated copper wire	Black	1000Feet/R	105?	150V
8587	R30BLK-500	Kynar_ #30 insulated silver plated copper wire	Black	500Feet/R	105?	150V
2076	R30G-1000	Kynar_ #30 insulated silver plated copper wire	Green	1000Feet/R	105?	150V
4606	R30R-100	Kynar_ #30 insulated silver plated copper wire	Red	100Feet/R	105?	150V
6104	R30R-1000	Kynar_ #30 insulated silver plated copper wire	Red	1000Feet/R	105?	150V
2082	R30R-500	Kynar_ #30 insulated silver plated copper wire	Red	500Feet/R	105?	150V
2075	R30W-100	Kynar_ #30 insulated silver plated copper wire	White	100Feet/R	105?	150V
7592	R30W-1000	Kynar_ #30 insulated silver plated copper wire	With	1000Feet/R	105?	150V
6008	R30W-500	Kynar_ #30 insulated silver plated copper wire	White	500Feet/R	105?	150 V
4608	R30Y-100	Kynar_ #30 insulated silver plated copper wire	Yellow	100Feet/R	105?	150V
10720	R30Y-1000	Kynar_ #30 insulated silver plated copper wire	Yellow	1000Feet/R	105?	150V
6006	R30Y-500	Kynar_ #30 insulated silver plated copper wire	Yellow	500Feet/R	105?	150V

## 28AWG Insulated Wrapping Wire

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28 AWG (0.32MM) INSULATION DIAMETER 0.024" (0.60MM) UL1422

Roll Size	White	Yellow	Blue	Red	Green	Black
500Ft. (152. OM) ROLL	R28-500-W	R28-500-Y	R28-500-BL	R28-500-R	R28-500-G	R28-500-B
1000Ft. (304. OM) ROLL	R28-1000-W	R28-1000-Y	R28-1000-BL	R28-1000-R	R28-1000-G	R28-1000-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

