

Magnet Wire

Heavy-Armored Poly-thermaleze® One Pound Spool

Product Description

Belden® high-temperature, heavy-armored Poly-thermaleze is a dual coated magnet wire. Its base coat is a cross-linked, modified polyester. Its top coat is an amide-imide polymer. Rated for 180°C usage, Belden heavy-armored Poly-thermaleze has exceptional ability to resist solvents and abuse in difficult windings.



Single Beldsol™ Solderable Half Pound Spool

Product Description

Beldsol Magnet Wire is a dual insulated Magnet Wire that combines the excellent dielectric characteristics of polyurethane and the known toughness and solvent resistance of a nylon overcoat. This wire is rated by IEEE tests for 270°F usage and will solder without insulation removal at 750°F.



Poly-thermaleze is a Phelps Dodge trademark.

Part No.	AWG	Approximate Length		Standard Unit Weight		Turns per Linear Inch	Turns per Square Inch
		Ft.	m	Lbs.	kg		

Heavy-Armored Poly-thermaleze

J-W-1177/14 • MW 35-C (Heavy)							
8073	14	80	24.4	1.1	.5	14.9	222
8074	16	126	38.4	1.1	.5	18.6	346
8075	18	199	60.7	1.1	.5	23.2	538
8076	20	315	96.0	1.1	.5	28.9	835
8077	22	501	152.7	1.1	.5	36.0	1296
8078	24	793	241.7	1.1	.5	44.7	1998
8079	26	1260	384.1	1.1	.5	55.7	3102
8080	28	1990	606.6	1.1	.5	69.4	4816
8081	30	3140	957.1	1.1	.5	86.2	7430
8083	34	7860	2395.8	1.1	.5	133.1	17716
8085	38	19300	5882.7	1.1	.5	206.0	42436

Single Beldsol Solderable

J-W-1177/9 • MW 28-C (Single)							
8049	18	100	30.5	.5	.2	23.9	571
8050	20	160	48.8	.5	.2	29.9	894
8051	22	254	77.4	.5	.2	37.5	1406
8052	24	404	123.1	.5	.2	46.9	2200
8053	26	645	196.6	.5	.2	59.0	3481
8054	28	1020	310.9	.5	.2	73.8	5446
8055	30	1615	492.3	.5	.2	91.7	8409
8056	32	2515	766.6	.5	.2	114.0	12996
8057	34	4060	1237.5	.5	.2	144.0	20736
8058	36	6400	1950.7	.5	.2	180.0	32400

