

CONDUMEX® ENAMELED MAGNET WIRE/WINDING WIRE

LINE CARD

CONDUMEX® BRAND NAME	INSULATION	THERMAL CLASS	NEMA SPEC	RECOMMENDED APPLICATIONS
FORMANEL®	Polyvinil Formal	105°C	MW 15 C/A MW 18 C/A	Oil Filled Transformers, Motors, Coils and Solenoids
POLISOLDANEL® NYLON	Polyurethane/ Polyamide	155°C	MW 80C	Encapsulated Coils Relays, Appliance Motors, Automotive Coils, Coils and Solenoids
POLITERMANEL® NYLON	Modified polyester/ Polyamide	180°C	MW 76C	Motors, Encapsulated Coils, Coils and Relays, Control and Dry Type transformers
AMIDANEL®	Modified polyester/ Polyamideimide	200°C	MW 35 C/A MW36 C/A MW 73C	Motors, Hermetic Motors, Power Tools, Automotive Alternators & Generators, Dry Type Transformers, Ballasts
ULTRANEL®	Polyester/Modified Polyamideimide	220°C	MW 37C	Inverter-Duty Motors
UNIVERSANEL®	Modified polyester/ Modified Polyamideimide	200°C	MW 15C MW 35C MW 73C	Oil Filled transformers, Dry Type Transformers, Motors, Hermetic Motors



☎ 1-800-925-WIRE 🌐 www.condumexinc.com ✉ E-Mail: sales@condumex.com

Stocking locations: Grand Prairie TX, Charlotte NC, Cincinnati OH, Santa Fe Springs CA

PRODUCT AVAILABILITY

CONDUMEX® BRAND NAME	Conductor Type Shape	Build (1)	AWG	Thickness (in) *		Width (in) *	
				Min	Max	Min	Max
FORMANEL®	Cu Round	Single	14-30	0.040	0.204	0.100	0.551
	Al Round	Heavy	4-30				
	Cu Square	Heavy	18-26				
	Cu Rectangular	Heavy	2-11				
	Al Rectangular	Heavy					
POLISOLDANEL® NYLON	Cu Round	Single Heavy	14-44 10-44				
POLITERMANEL® NYLON	Cu Round	Single Heavy	14-44 12-44				
AMIDANEL®	Cu Round	Single	14-44	0.040	0.204	0.100	0.551
	Al Round	Heavy	4-44				
	Cu Square	Single	14-30				
	Cu Rectangular	Heavy	4-30				
	Al Rectangular	Heavy	2-11				
ULTRANEL®	Cu Round	Heavy	14-22				
UNIVERSANEL®	Cu Round	Heavy	4-30				

* For Rectangulars: Maximum Width/Thickness Ratio = 6
(1) Check for Availability of Triple and Quadruple Build

PACKAGING AVAILABILITY

CONDUMEX® DESIGNATION	TYPE	WIRE Size Range (AWG)	Approx. Net Weight (lb)
DIN 160	6.3"x5" Straight	26-44	15
12P	11.8"x7" Straight	7-18	75
8P	8.5"x9.25" Tapered	18-36	40
10P *	11"x12" Tapered	10-34	80
13-100	15"x16" Tapered	10-25	220
13-200	15"x16" Tapered	14-25	500
COL-24"	24"x6" Straight	Square and Rectangular Round 4-13 AWG	240

* Bucket Availability 14-23 AWG in AMIDANEL® and ULTRANEL®

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