

# North American Product List

Standard Insulation Systems Offered by Essex Furukawa Magnet Wire



## COPPER INSULATED MAGNET WIRE

Product Name	Product Description	Thermal Classification	NEMA Product Specification	Round	Shaped	UL Recognition E32638
Formvar	Polyvinyl Acetal & Phenolic Resins	105	MW 15, MW 18	✓		
Formvar-EXTRA	Polyvinyl Acetal & Phenolic Resins	120	MW 86, MW 87	✓*	✓	
Soderon® FS/155	Polyurethane/Polyamide	155	MW 80	✓		✓
Solidex®	Solderable Polyester-imide	180	MW 77	✓		✓
Solidon®	Modified Solderable Polyester-imide/Polyamide	180	MW 78	✓		✓
Polybondex G Bond E	Polyester basecoat/Polyamide-imide topcoat/ Polyester bondcoat	180	MW 102	✓		✓
Polybondex G Bond M	Polyester basecoat/Polyamide-imide topcoat/ Epoxy bondcoat	180	MW 103	✓		✓
GP/MR-200®	Modified Polyester basecoat/Polyamide-imide topcoat	200	MW 35, MW 36, MW 73	✓	✓	✓
GP/MR-200® HD	Modified Polyester basecoat/Polyamide-imide topcoat	200	MW 36		✓	✓
UltraShield® Plus	Modified Polyester basecoat/Polyamide-imide topcoat. Uses nano technology.	200	MW 35, MW 73	✓	✓*	✓
GP/MR-Extra®	Modified Polyester basecoat/Polyamide-imide topcoat	220	MW 37, MW 38, MW 73	✓	✓	✓
UltraShield® EXTRA*	Modified Polyester basecoat/Polyamide-imide topcoat. Uses nano technology.	220	MW 37, MW 38	✓	✓	
Alex®	Polyimide	240	MW 16, MW 20	✓	✓	✓
EnduroTemp™ 260+*	Polyimide/Polyamide-imide	260	Exceeds MW 16, MW 20	✓	✓	✓
Double Polyester Glass over Bare	Glass fiber	—	Thermal Classification and NEMA MW Specification vary by product configuration.	✓	✓	
Single Polyester Glass over Heavy GP/MR-200®	Glass fiber over Modified Polyester basecoat/ Polyamide-imide topcoat	—		✓	✓	
Double Polyester Glass over Heavy GP/MR-200®	Glass fiber over Modified Polyester basecoat/ Polyamide-imide topcoat	—		✓	✓	

## ALUMINUM INSULATED MAGNET WIRE

Product Name	Product Description	Thermal Classification	NEMA Product Specification	Round	Shaped	UL Recognition E32638
Formvar	Polyvinyl Acetal & Phenolic Resins	105	MW 15, MW 18	✓		
Formvar-EXTRA	Polyvinyl Acetal & Phenolic Resins	120	MW 86, MW 87	✓*	✓	
GP/MR-200®	Modified Polyester basecoat/Polyamide-imide topcoat	200	MW 35, MW 36, MW 73	✓	✓	✓

\* Product available upon request. Please consult your Sales Executive for pricing.