

HM Wire International, Inc.

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To be used as a guideline only.

Insulation Cross Reference Chart

Insulation Type	Elektrisola	Essex	Nexans	Phelps Dodge	Rea	Magnekon	Condumex
Polyvinyl Acetal Phenolic MW 15c - Round MW 18c - Square	Formvar MW-15c FMVAR 36-52 AWG	Formvar 4-23 AWG F	Magneform F105 4-23 AWG	Formvareze F 4-21 AWG	Formvar F 14-30 AWG	Formacon F120 7-27 AWG	Formanel 4-36 AWG
Polyurethane MW 79c	Polysol 155/ MW79c P155 33-56 AWG	Soderex 155 32-45 AWG SDX155	Magnesol 130 MW-75c PU 10-55 AWG	Sodereze SDZ 10-45 AWG	Solvar S 25-56 AWG	Soldacon 155 SP 155 14-42 AWG	Polisoldanel 25-52 AWG
Polyurethane/Polyamide MW 80c (class 155) MW 28c (130)	Polysol-N 155/MW 82c PN55 33-58 AWG	Soderon 155 32-45 AWG Soderon FS	Nylac NZ 10-44 AWG	Nyleze NZ 14-48 AWG	Nysol NS 10-56 AWG	Soldacon-N 155 SN 155 7-42 AWG	Polisoldanel Nylon 10-62 AWG
Polyurethane-180 MW-82c	Polysol 180 /MW-82c P180 24-54 AWG	Soderex 180 31-45 AWG SDX180				Soldacon 180 SNP 180	
Polyurethane/Polyamid MW-83c	Polysol-N 180/MW-77c PN180 24-54 AWG	Soderon 180 25-45 AWG SDN180				Soldacon-N 180 SNP 180	
Modified Polyester-imide MW-77c	Estersol 180/MW-78c E180 24-52 AWG	Solidex 32.5-45 AWG SOLDX	Magnesol 180 MS 14-44 AWG	Thermaleze T TZT 15-44 AWG		PS-180 PS 180 21-42 AWG	Polisoldatermanel 25-62 AWG
Modified Polyester-amide Polyimide MW-78c	Estersol-N /MW-78c EN180 Inquire	Solidon 14-32 AWG SOLDN				PSN-180 PSN 180 21-42 AWG	
Polyester-Polyamideimide MW-35c	Amidester200 /MW-35c A200 24-52 AWG	Thermalex 200 33-45 AWG THLX200		Thermaleze 2000 TZ2000 33-44 AWG	Therm-ID I 36-56 AWG	Polytermacon P200 E200 7-38 AWG	
Polyester A/I Topcoat MW-35c MW-20c	AI210 / MW-35c AI210 24-52 AWG	GP-MR200 4-32 AWG	Armrd Magnetemp AMT 4-46 AWG	Armrd Polythermaleze APTZ 4-32 AWG	Super Hysilk TAIH 10-34 AWG TAI 33-50 AWG	Polytermacon AI PAI 200 4-38 AWG	Amidanel 4-44 AWG
Aromatic Polyamide MW-16c	ML240 / MW-16c ML240 36-52 AWG	Alex 4-33 AWG ALX	ML Heavy Sizes?	Imideze IMZ 14-21 AWG	Pyre ML ML 14-56 AWG		