

INSULATION CROSS REFERENCE GUIDE

Generic Trade Name	Thermal Rating	Available Conductor Configuration	Applicable Copper Specification		Cross Reference Of Common Trade Names (By Manufacturer)								
			NEMA MW 1000	IEC	Solderable	Material Type	Essex	Rea	Phelps Dodge	Nexans			
Film Insulated													
Formvar	105°C	Round Square & Rect.	MW15 MW 18	317-1 317-17	No	Polyvinyl Formal	Formvar	Formvar	Formvareze	Formel			
Solderable Polyurethane	155°C	Round	MW79	317-20	Yes	Modified Polyurethane	Soderex/155	Solvar	Sodereze 155	Polyurethane			
Solderable Nylon	155°C	Round	MW 80	317-21	Yes	Polyamide(Nylon)over Modified Polyurethane	Soderon/155	Nysol	Nyleze/155	Nylac			
Solderable Polyester	180°C	Round	MW 77	317-23	Yes	Modified Polyesterimide	Solidex	Thermosol	Thermaleze T	Magnesol			
HPT	200°C AL 220°C	Round Square & Rect.	MW 35,73 MW 36	317-13 317-29	No	Polyamideimide over THEIC Modified Polyester	GP MR-200	Therm-Aimid	Armored Poly-Thermaleze 2000	Armored Magnetemp			
Inverter duty HPT	200°C	Round Square & Rect.	MW 35,73 MW 36	317-13 317-29	No	Polyamideimide over THEIC Modified Polyester with Filler	Ultrashield Plus	Pulse Shield	Thermaleze Q _s				
HML	240°C	Round Square & Rect.	MW 16 MW 20	317-7 317-30	No	Polyimide	Alex	Pyre-ML	Imideze	ML			
Fibrous Covered													
DPG/BARE SPG/BARE	155°C 180°C 200°C	Round Square & Rect.	MW 45 MW 51 MW 46 MW 53		No	Polyester Glass Fiber Covered	Dacron Glass 155°C	Dacron/Glass	Daglas	Dacron Glass			
DPG/HPT SPG/HPT	155°C 180°C 200°C	Round Square & Rect.	MW 45 MW 51 MW 46 MW 53		No	Polyester Glass Fiber over HPT	Dacron/Glass over Therm-Amid	Dacron/Glass over Therm-Amid	Dacron Glass over HAPTZ				