

Note: In the process of enhancing our systems, we are transitioning data to a new PiQ data view. This data is being verified with the "Historical" view for accuracy. Once the data is confirmed, the "Historical" view will be discontinued. During this transition, you may encounter duplicate entries or missing/outdated data. For queries during this interim period, please visit our [Historical View FAQs](#) or contact our [Customer Service](#).

Magnet Wire - Component

COMPANY

Essex Solutions USA LLC

1601 WALL ST

FORT WAYNE, IN 46802-4352 United States

E32638

Material Designation	Mark Dsg	Base Coat	Top Coat	ANSI Type	Temp Class
Allex	Allex	Aromatic Polyimide	-	MW 16C	240
		Aromatic Polyimide	-	MW 20C	240
Amide-Imide	AI	Polyamideimide	-	MW 81C	220
Autovex H	Autovex H	Polyester	-	MW 77C	180
Bicotherm	Bicotherm	Polyester-amide-imide	-	MW 35C	200
Daisol-B	Ds-B	Polyurethane	-	MW 79C	155
Daitherm	Daitherm	Polyester-imide	-	MW 74C	200
		Polyester-imide	-	MW 30C	180[#]
Daitherm-2	Dt-2	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200

Daitherm-3	Dt-3	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200
Daitherm-3A	Dt-3A	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200
Daitherm-N	Dt-N	Polyester-imide	Polyamide	MW 76C	180
		Polyester-imide	Polyamide	MW 24C	155[#]
EI/AI	EI/AI	Polyester-imide	Polyamide-imide	MW 37C	220
		Polyester-imide	Polyamide-imide	MW 35C	200[#]
GP/MR-200, GP/MR-200 HD	GP/MR-200	Polyester	Polyamide-imide	MW 35A	220
		Polyester	Polyamide-imide	MW 36A	220
		Polyester	Polyamide-imide	MW 73A	220
		Polyester	Polyamide-imide	MW 35C	200
		Polyester	Polyamide-imide	MW 36C	200
		Polyester	Polyamide-imide	MW 73C	200
GP/MR-Extra	GP/MR-Extra	Polyester	Polyamide-imide	MW 37C	220
		Polyester	Polyamide-imide	MW 38C	220
		Polyester	Polyamide-imide	MW 35C	200[#]
		Polyester	Polyamide-imide	MW 36C	200[#]

		Polyester	Polyamide-imide	MW 73C	200[#]
Magnesol E-180	Magnesol E-180	Solderable Polyester	-	MW 77C	180
Magnesol EN-180	Magnesol EN-180	Solderable Polyesterimide	Polyamide	MW 78C	180
Magnesol U-155	Ms U-155	Polyurethane	-	MW 79C	155
Magnesol U-180	Magnesol U-180	Polyurethane	-	MW 82C	180
Magnesol UN-180	Ms UN-180	Polyurethane	Polyamide	MW 83C	180
Magnesol UN-180H	Ms UN-180H	Polyurethane	Polyamide	MW 80C	155[#]
Magnetemp A-220	Mt A-220	Polyamide-imide	-	MW 81C	220
Magnetemp C-180	Magnetemp C-180	Polyester-imide	-	MW 74C	200
		Polyester-imide	-	MW 30C	180[#]
Magnetemp CA-200	Magnetemp CA-200	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200
Magnetemp CA2-200	Mt CA2-200	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200
Magnetemp CN-180	Magnetemp CN-180	Polyester-imide	Polyamide	MW 76C	180
		Polyester-imide	Polyamide	MW 24C	155[#]
Magnetemp PA-200	Mt PA-200	Modified Polyester	Polyamide-imide	MW 35C	200
		Modified Polyester	Polyamide-imide	MW 36C	200

		Modified Polyester	Polyamide-imide	MW 73C	200
Magnetemp PN-180	Mt PN-180	Modified Polyester	Polyamide	MW 76C	180
Nytherm	Nyth	Polyester	Polyamide	MW 76C	180
		Polyester	Polyamide	MW 76A	180
Saldavex F, Saldavex	Saldavex F, Saldavex	Polyurethane	-	MW 79C	155
Saldavex H	Saldavex H	Modified Polyurethane	-	MW 82C	180
Saldavex NY	Saldavex NY	Polyurethane	Polyamide	MW 28C	130
Soderex/130	Sdx/130	Polyurethane	-	MW 75C	130
Soderex/155	Sdx/155	Polyurethane	-	MW 79C	155
Soderex/180	Sdx/180	Polyurethane	-	MW 82C	180
Soderon FS/155	Sdn FS/155	Polyurethane	Polyamide	MW 80C	155
Soderon/130	Sdn/130	Polyurethane	Polyamide	MW 28C	130
Soderon/155	Sdn/155	Polyurethane	Polyamide	MW 80C	155
Soderon/180	Sdn/180	Polyurethane	Polyamide	MW 83C	180
Soldex 180	Sdx 180	Polyurethane	-	MW 82C	180
Solidex	Solidex	Polyester	-	MW 77C	180
Solidon	Solidon	Polyester	Polyamide	MW 78C	180
Tenvex 200	Tenvex 200	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200

Tenvex HSX	Tenvex HSX	Modified Solderable Polyester-imide	-	MW 77C	180
Tenvex-H	Tenvex-H	Polyesterimide	-	MW 30C	180
		Polyesterimide	-	MW 72C	180
Thermalex? 200	Thermalex? 200	Polyester	-	MW 74C	200
Ultra Shield	US	Polyester	Polyamide-imide	MW 35A	220
		Polyester	Polyamide-imide	MW 35C	200[#]
UltraShield® Extra	UltraShield® Extra	Polyester-amide-imide	Polyamide-imide	MW 37C	220
UltraShield® Plus	UltraShield® Plus	Polyester	Polyamide-imide	MW 35C	200
		Polyester	Polyamide-imide	MW 73C	200
UltraShield® PLUS AI Solecoat	UltraShield® PLUS AI Solecoat	Polyamide-imide	-	MW 81C	220

Material Designation	Mark Dsg	Base Coat	Top Coat	Bond Coat	ANSI Type	Temp Class
Daibond-HC	Db-HC	Polyester-imide	Polyamide-imide	Epoxy	-	180
Daibond-HM	Db-HM	Polyester-imide	Polyamide-imide	Polyester	-	180
Daibond-HY	Db-HY	Polyester-imide	Polyamide-imide	Polyamide	-	180
Daisol-HN	Daisol-HN	Solderable Polyester-imide	Polyamide	-	-	180
EnduroTemp 260+	EnduroTemp 260+	Polyimide	Polyamide-imide	-	-	260
HGP/MR-200 DDG H/T ORG	HGP/MR-200 DDG H/T ORG	Polyester	Polyamide-imide	-	-	-
HGP/MR-200 SDG H/T ORG	HGP/MR-200 SDG H/T ORG	Polyester	Polyamide-imide	-	-	-
Magnebond CAB-200	Mb CAB-200	Polyester-imide	Polyamide-imide	Aromatic Polyamide	-	200[#]

		Polyester-imide	Polyamide-imide	Aromatic Polyamide	MW 102C	180[#]
Magnebond CAK-180	Mb CAK-180	Polyester-imide	Polyamide-imide	Polyester	-	180
Magnebond CAL-200	Mb CAL-200	Polyester-imide	Polyamide-imide	Polyamide	-	180
Magnebond CAT-200	Mb CAT-200	Polyester-imide	Polyamide-imide	Thermoplastic	-	200
Magnebond CAX-180	Mb CAX-180	Polyester-imide	Polyamide-imide	Epoxy	-	180
Magnebond CL-180	Magnebond CL-180	Polyester-imide	-	Polyamide	-	180
Magnebond EAL-180	Mb EAL-180	Solderable Polyester-imide	Polyamide-imide	Polyaimide	-	180
Magnebond EAL3-180	Mb EAL3-180	Solderable Polyester-imide	Polyamide-imide	Co-Polyamide-Alyphatic	-	180
Magnebond EL-180	MB EL-180	Solderable Polyesterimide	-	Polyamide	-	155
Magnebond PAB-180	Magnebond PAB-180	Polyester-imide	Polyamide-imide	Aromatic Polyamide	-	200
		Polyester-imide	Polyamide-imide	Aromatic Polyamide	MW 102C	180[#]
Magnebond UT-155	Mb UT-155	Polyurethane	-	Thermo-plastic Co-polyester	-	155
Magnebond UV-155	Mb UV-155	Polyurethane	-	Polyvinyl-butyril	-	155
Magnesilk CA GP@	Ms CA GP	Polyester-imide	Polyamide-imide	-	-	-
Magnesol U-180H	Magnesol U-180H	Polyurethane	-	-	-	180
Magnetemp CA-200 Double Dacron Glass Polyester Varnished	AMT DDG PV	Polyester	Polyamide-imide	-	-	-
Magnetemp KN-155	Mt KN-155	Polyester	Polyamide	-	-	155
		Polyester	Polyamide	-	-	130[#]
Magnetemp Y-240	Mt Y-240	Aromatic Polyimide	-	-	-	240
		Aromatic Polyimide	-	-	-	220[#]
PEWN	PEWN	Polyester	Polyamide	-	-	155

		Polyester	Polyamide	-	-	130[#]
Polybondex G Bond E	Pbx G Bond E	Polyester	Polyamide-imide	Polyester	MW 102C	180
		Polyester	Polyamide-imide	Polyester	MW 102A	180
Polybondex G Bond M	Pbx G Bond M	Polyester	Polyamide-imide	Epoxy	-	180[#]
Polybondex G Bond S	Pbx G Bond S	Polyester	Polyamide-imide	Aromatic Polyamide	MW 102C	180
		Polyester	Polyamide-imide	Aromatic Polyamide	MW 102A	180
Polybondex T Bond E	Pbx T Bond E	Polyester	-	Polyester	-	180
Polybondex T Bond M	Pbx T Bond M	Polyester	-	Epoxy	-	180
Polybondex T Bond S	Pbx T Bond S	Polyester	-	Aromatic Polyamide	-	180
Polybondex T Bond Y	Pbx T Bond Y	Polyester	-	Polyester	-	180
Soderbond N/130	Sdbn N/130	Polyurethane	Polyamide	Polyvinyl Acetal	MW 135C	130[#]
Soderbond N/155	Sdbn N/155	Polyurethane	Polyamide	Polyvinyl Acetal	MW 136C	155
Tenvex 220	Tenvex 220	Modified amide-imide	-	-	-	220
Ultrashield Plus Bond E	Ultrashield Plus Bond E	Polyester	Polyamide-imide	Polyester	MW 102C	180
		Polyester	Polyamide-imide	Polyester	MW 102A	180

[#] - The magnet wire may perform better than the rating reflects and may not be suitable for insulation system, varnish or end-product testing. Further consideration is necessary prior to its use in testing.

@ - Magnesilk CA GP is with Dacron glass covering fused over the magnet wire designated Magnetemp CA-200.

Marking: Company name or tradename "UltraShield", material designation or marked designation and the Recognized Component Mark,  on the shipping spool label or smallest unit container in which the product is packaged.

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