

## OBMW2.E32638 - Magnet Wire - Component

## Magnet Wire - Component

Essex Furukawa Magnet Wire 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
<b>Allex</b>	Allex	Aromatic Polyimide	-	MW 16C	240
		Aromatic Polyimide	-	MW 20C	240
<b>Amide-Imide</b>	AI	Polyamideimide	-	MW 81C	220
<b>Bicotherm</b>	Bicotherm	Polyester-amide-imide	-	MW 35C	200
<b>Daisol-B</b>	Ds-B	Polyurethane	-	MW 79C	155
<b>Daitherm</b>	Daitherm	Polyester-amide-imide	-	MW 74C	200
		Polyester-amide-imide	-	MW 30C	180[#]
<b>Daitherm-2</b>	Dt-2	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200
<b>Daitherm-3</b>	Dt-3	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200
<b>Daitherm-N</b>	Dt-N	Polyester-imide	Polyamide	MW 76C	180
		Polyester-imide	Polyamide	MW 24C	155[#]
<b>EI/AI</b>	EI/AI	Polyester-imide	Polyamide-imide	MW 37C	220

		Polyester-imide	Polyamide-imide	MW 35C	200[#]
<b>GP/MR-200, GP/MR-200 HD</b>	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
<b>GP/MR-Extra</b>	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[#]
<b>Magnesol E-180</b>	Magnesol E-180	Solderable Polyester	-	MW 77C	180
<b>Magnesol EN-180</b>	Magnesol EN-180	Polyester	Polyamide	MW 78C	180
<b>Magnesol U-155</b>	Ms U-155	Polyurethane	-	MW 79C	155
<b>Magnesol U-180</b>	Magnesol U-180	Polyurethane	-	MW 82C	180
<b>Magnesol UN-180</b>	Ms UN-180	Polyurethane	Polyamide	MW 83C	180
<b>Magnesol UN-180H</b>	Ms UN-180H	Polyurethane	Polyamide	MW 80C	155[#]
<b>Magnetemp A-220</b>	Mt A-220	Polyamide-imide	-	MW 81C	220
<b>Magnetemp C-180</b>	Magnetemp C-180	Polyester-amide-imide	-	MW 74C	200
		Polyester-amide-imide	-	MW 30C	180[#]

<b>Magnetemp CA-200</b>	Magnetemp CA-200	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200
<b>Magnetemp CA2-200</b>	Mt CA2-200	Polyester-imide	Polyamide-imide	MW 35C	200
		Polyester-imide	Polyamide-imide	MW 36C	200
		Polyester-imide	Polyamide-imide	MW 73C	200
<b>Magnetemp CN-180</b>	Magnetemp CN-180	Polyester	Polyamide	MW 76C	180
		Polyester	Polyamide	MW 24C	155[#]
<b>Magnetemp PA-200</b>	Mt PA-200	Modified Polyester	Polyamide-imide	MW 35C	200
		Modified Polyester	Polyamide-imide	MW 36C	200
		Modified Polyester	Polyamide-imide	MW 73C	200
<b>Magnetemp PN-180</b>	Mt PN-180	Modified Polyester	Polyamide	MW 76C	180
<b>Nytherm</b>	Nyth	Polyester	Polyamide	MW 76C	180
		Polyester	Polyamide	MW 76A	180
<b>Saldavex F, Saldavex</b>	Saldavex F, Saldavex	Polyurethane	-	MW 79C	155
<b>Saldavex H</b>	Saldavex H	Modified Polyurethane	-	MW 82C	180
<b>Saldavex NY</b>	Saldavex NY	Polyurethane	Polyamide	MW 28C	130
<b>Soderex/130</b>	Sdx/130	Polyurethane	-	MW 75C	130
<b>Soderex/155</b>	Sdx/155	Polyurethane	-	MW 79C	155
<b>Soderex/180</b>	Sdx/180	Polyurethane	-	MW 82C	180
<b>Soderon FS/155</b>	Sdn FS/155	Polyurethane	Polyamide	MW 80C	155

<b>Soderon/130</b>	Sdn/130	Polyurethane	Polyamide	MW 28C	130
<b>Soderon/155</b>	Sdn/155	Polyurethane	Polyamide	MW 80C	155
<b>Soderon/180</b>	Sdn/180	Polyurethane	Polyamide	MW 83C	180
<b>Soldex 180</b>	Sdx 180	Polyurethane	-	MW 82C	180
<b>Solidex</b>	Solidex	Polyester	-	MW 77C	180
<b>Solidon</b>	Solidon	Polyester	Polyamide	MW 78C	180
<b>Tenvex 200</b>	Tenvex 200	Polyester-imide	Polyamide- imide	MW 35C	200
		Polyester-imide	Polyamide- imide	MW 36C	200
		Polyester-imide	Polyamide- imide	MW 73C	200
<b>Tenvex HSX</b>	Tenvex HSX	Modified Solderable Polyester- imide	-	MW 77C	180
<b>Ultra Shield</b>	US	Polyester	Polyamide- imide	MW 35A	220
		Polyester	Polyamide- imide	MW 35C	200
<b>UltraShield® Plus</b>	UltraShield® Plus	Polyester	Polyamide- imide	MW 35C	200
		Polyester	Polyamide- imide	MW 73C	200
<b>UltraShield® PLUS AI Solecoat</b>	UltraShield® PLUS AI Solecoat	Polyamide-imide	-	MW 81C	220


<b>Material Designation</b>	<b>Mark Dsg</b>	<b>Base Coat</b>	<b>Top Coat</b>	<b>Bond Coat</b>	<b>ANSI Type</b>	<b>Temp Class</b>
<b>Autovex H</b>	Autovex H	Polyester-imide	Polyamide- imide	Polyester	-	130
<b>Daibond-HC</b>	Db-HC	Polyester-imide	Polyamide- imide	Epoxy	-	180
<b>Daibond-HM</b>	Db-HM	Polyester-imide	Polyamide- imide	Polyester	-	180
<b>Daibond-HY</b>	Db-HY	Polyester-imide	Polyamide- imide	Polyamide	-	180
<b>Daisol-HN</b>	Daisol-HN	Solderable Polyester-imide	Polyamide	-	-	180

<b>Daitherm-3A</b>	Dt-3A	Polyester-imide	Polyamide-imide	-	-	200
<b>EnduroTemp 260+</b>	EnduroTemp 260+	Polyimide	Polyamide-imide	-	-	260
<b>HGP/MR-200 DDG H/T ORG</b>	HGP/MR-200 DDG H/T ORG	Polyester	Polyamide-imide	-	-	-
<b>HGP/MR-200 SDG H/T ORG</b>	HGP/MR-200 SDG H/T ORG	Polyester	Polyamide-imide	-	-	-
<b>Magnebond CAB-200</b>	Mb CAB-200	Polyester-imide	Polyamide-imide	Aromatic Polyamide	-	200[#]
		Polyester-imide	Polyamide-imide	Aromatic Polyamide	MW 102C	180[#]
<b>Magnebond CAK-180</b>	Mb CAK-180	Polyester-imide	Polyamide-imide	Polyester	-	180
<b>Magnebond CAL-200</b>	Mb CAL-200	Polyester-imide	Polyamide-imide	Polyamide	-	180
<b>Magnebond CAT-200</b>	Mb CAT-200	Polyester-imide	Polyamide-imide	Thermoplastic	-	200
<b>Magnebond CAX-180</b>	Mb CAX-180	Polyester-imide	Polyamide-imide	Epoxy	-	180
<b>Magnebond CL-180</b>	Magnebond CL-180	Polyester-imide	-	Polyamide	-	180
<b>Magnebond EAL-180</b>	Mb EAL-180	Solderable Polyester-imide	Polyamide-imide	Polyamide	-	180
<b>Magnebond EAL3-180</b>	Mb EAL3-180	Solderable Polyester-imide	Polyamide-imide	Co-Polyamide-Alyphatic	-	180
<b>Magnebond EL-180</b>	MB EL-180	Solderable Polyesterimide	-	Polyamide	-	155
<b>Magnebond PAB-180</b>	Magnebond PAB-180	Polyester-imide	Polyamide-imide	Aromatic Polyamide	-	200
		Polyester-imide	Polyamide-imide	Aromatic Polyamide	MW 102C	180[#]
<b>Magnebond UT-155</b>	Mb UT-155	Polyurethane	-	Thermo-plastic Co-polyester	-	155
<b>Magnebond UV-155</b>	Mb UV-155	Polyurethane	-	Polyvinyl-butyril	-	155
<b>Magnesilk CA GP@</b>	Ms CA GP	Polyester-imide	Polyamide-imide	-	-	-
<b>Magnesol U-180H</b>	Magnesol U-180H	Polyurethane	-	-	-	180
<b>Magnetemp CA-200 Double Dacron Glass Polyester Varnished</b>	AMT DDG PV	Polyester	Polyamide-imide	-	-	-
<b>Magnetemp KN-155</b>	Mt KN-155	Polyester	Polyamide	-	-	155

		Polyester	Polyamide	-	-	130[#]
<b>Magnetemp Y-240</b>	Mt Y-240	Aromatic Polyimide	-	-	-	240
		Aromatic Polyimide	-	-	-	220[#]
<b>PEWN</b>	PEWN	Polyester	Polyamide	-	-	155
		Polyester	Polyamide	-	-	130[#]
<b>Polybondex G Bond E</b>	Pbx G Bond E	Polyester	Polyamide-imide	Polyester	MW 102C	180
		Polyester	Polyamide-imide	Polyester	MW 102A	180
<b>Polybondex G Bond M</b>	Pbx G Bond M	Polyester	Polyamide-imide	Epoxy	-	180[#]
<b>Polybondex G Bond S</b>	Pbx G Bond S	Polyester	Polyamide-imide	Aromatic Polyamide	MW 102C	180
		Polyester	Polyamide-imide	Aromatic Polyamide	MW 102A	180
<b>Polybondex T Bond E</b>	Pbx T Bond E	Polyester	-	Polyester	-	180
<b>Polybondex T Bond M</b>	Pbx T Bond M	Polyester	-	Expoxy	-	180
<b>Polybondex T Bond S</b>	Pbx T Bond S	Polyester	-	Aromatic Polyamide	-	180
<b>Polybondex T Bond Y</b>	Pbx T Bond Y	Polyester	-	Polyester	-	180
<b>Soderbond N/130</b>	Sdbn N/130	Polyurethane	Polyamide	Polyvinyl Acetal	MW 135C	130[#]
<b>Soderbond N/155</b>	Sdbn N/155	Polyurethane	Polyamide	Polyvinyl Acetal	MW 136C	155
<b>Tenvex 220</b>	Tenvex 220	Modified amide-imide	-	-	-	220
<b>Ultrashield Plus Bond E</b>	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, 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.

Last Updated on 2022-04-08

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