

## OBMW2.E45523 - Magnet Wire - Component

## Magnet Wire - Component

## Essex Italy Srl

Via Circonvallazione 2  
Quattordio, AI 15028 Italy

E45523

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>	Dt	Polyester-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	Polyamide-imide	MW 37C	220[#]
		Polyester	Polyamide-imide	MW 35C	200

<b>GP/MR-200</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>	Ms E-180	Solderable Polyester-imide	-	MW 77C	180
<b>Magnesol EN-180</b>	Ms EN-180	Solderable Polyester-imide	Polyamide	MW 78C	180
<b>Magnesol U-155</b>	Ms U-155	Polyurethane	-	MW 79C	155
<b>Magnesol U-180</b>	Ms 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>	Mt C-180	Polyester-imide	-	MW 30C	180
<b>Magnetemp CA-200, Magnesilk CA-GP@</b>	Mt CA-200, Ms CA-GP	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>	Mt CN-180	Polyester-imide	Polyamide	MW 76C	180
		Polyester-imide	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
<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 H</b>	Tenvex H	Polyester-imide	-	MW 30C	180
		Polyester-imide	-	MW 72C	180
<b>Tenvex HSX</b>	Tenvex HSX	Modified Solderable Polyester- imide	-	MW 77C	180
<b>Thermalex 200</b>	Thermalex 200	Polyester	-	MW 74C	200
<b>Ultra Shield</b>	US	Polyester	Polyamide- imide	MW 35A	220
		Polyester	Polyamide- imide	MW 35C	200
<b>Ultra Shield ® PLUS</b>	US Plus	Polyester	Polyamide- imide	MW 35C	200
		Polyester	Polyamide- imide	MW 73C	200
<b>ULTRASHIELD® PLUS AI Solecoat</b>	US PLUS AI	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	-	180
<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>	Mb 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 Polyester-imide	-	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 PAB-200</b>	Magnebond PAB-200	Modified Polyester	Polyamide-imide	Aromatic Polyamide	-	200
		Modified Polyester	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>Magnesol U-180H</b>	Ms 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>	Magnetemp 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	-	Epoxy	-	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	-	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 On the shipping spool label Or smallest unit container In which the product is packaged.

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