

## NEMA STANDARD ( MAGNET WIRE )

NEMA MAGNET WIRE STANDARDS DESCRIPTION	Thermal Class °C	Round Build (Bond Bld.)				Rect & Sq. - Build			NEMA Standard Number
		Sgl	Hvy.	Tpl	Quad.	Sgl	Hvy.	Quad.	
Basecoat/Overcoat/Bond Overcoat			(T1)	(T2)	(T3)				
Polyurethane	105	X	X	-	-	-	-	-	MW2-C
Polyurethane/self-bonding	105		X	X	-	-	-	-	MW3-C
Polyester	155	X	X	-	-	-	-	-	MW5-C
Polyamide	105	X	X	-	-	-	-	-	MW6-C
Polyvinyl acetal	105	X	X	-	-	-	-	-	MW15-A
Polyvinyl acetal	105	X	X	X	X	-	-	-	MW15-C
Polyimide	240	X	X	X	X	-	-	-	MW16-C
Polyvinyl acetal/polyamide	105	X	X	-	-	-	-	-	MW17-C
Polyvinyl acetal	105	-	-	-	-	-	X	X	MW18-A
Polyvinyl acetal	105	-	-	-	-	-	X	X	MW18-C
Polyvinyl acetal/self-bonding	105	-	X	X	X	-	-	-	MW19-C
Polyimide	240	-	-	-	-	-	X	X	MW20-C
Polyester (amide)(imide)/polyamide	155	X	X	-	-	-	-	-	MW24-A
Polyester (amide)(imide)/polyamide	155	X	X	X	-	-	-	-	MW24-C
Polyester (imide) solderable	155	X	X	-	-	-	-	-	MW26-C
Polyester (imide)/polyamide solderable	155	X	X	-	-	-	-	-	MW27-C
Polyurethane/polyamide	130	X	X	-	-	-	-	-	MW28-A
Polyurethane/polyamide	130	X	X	-	-	-	-	-	MW28-C
Polyurethane/polyamide/self-bonding	105	-	X	X	-	-	-	-	MW29-C
Polyester (amide)(imide)	180	X	X	X	-	-	-	-	MW30-C
Paper covered (also 90 oC)	105	X	X	-	-	-	-	-	MW31-C
Paper covered (also 90 oC)	105	-	-	-	-	X	X	-	MW33-C
Polyester (amide)(imide)/polyamideimide	220	X	X	-	-	-	-	-	MW35-A
Polyester (amide)(imide)/polyamideimide	200	X	X	X	X	-	-	-	MW35-C
Polyester (amide)(imide)/polyamideimide	220	-	-	-	-	-	X	X	MW36-A
Polyester (amide)(imide)/polyamideimide	200	-	-	-	-	-	X	X	MW36-C
Polyester (amide)(imide)/polyamideimide	220	X	X	X	-	-	-	-	MW37-C
Polyester (amide)(imide)/polyamideimide	220	-	-	-	-	-	X	X	MW38-C
Glass fiber/varnish	155	X	X	-	-	-	-	-	MW41-C
Glass fiber/varnish	155	-	-	-	-	X	X	-	MW42-C
Glass fiber/silicone varnish	200	-	-	-	-	X	X	-	MW43-C
Glass fiber/silicone varnish	200	X	X	-	-	-	-	-	MW44-C
Polyester glass fiber covered	155	X	X	-	-	-	-	-	MW45-C
Polyester glass fiber covered	155	-	-	-	-	X	X	-	MW46-C
Polyester glass fiber/silicone varnish	200	X	X	-	-	-	-	-	MW47-C
Polyester glass fiber/silicone varnish	200	-	-	-	-	X	X	-	MW48-C

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Glass fiber/high temp. varnish	180	X	X	-	-	-	-	-	MW50-C
Polyester glass fiber./high temp. varnish	180	X	X	-	-	-	-	-	MW51-C
Glass fiber/high temp. varnish	180	-	-	-	-	-	X	X	MW52-C
Polyester glass fiber/high temp. varnish	180	-	-	-	-	-	X	X	MW53-C
Aromatic polyamide paper covered	220	-	-	-	-	-	X	-	MW60-A
Aromatic polyamide paper covered	220	-	-	-	-	-	X	-	MW60-C
Aromatic polyamide paper covered	220	-	X	-	-	-	-	-	MW61-A
Aromatic polyamide paper covered	220	-	X	-	-	-	-	-	MW61-C
Aromatic polyimide tape covered	220	-	-	-	-	X	X	-	MW62-C
Aromatic polyimide tape covered	220	X	X	-	-	-	-	-	MW63-C
Polyester (amide)(imide) Herm. Appl.	180	-	X	-	-	-	-	-	MW72-C
Polyester (amide)(imide)/polyamideimide	220	-	X	-	-	-	-	-	MW73-A
Polyester (amide)(imide)/polyamideimide	200	-	X	X	X	-	-	-	MW73-C
Polyester (amide)(imide)	220	X	X	-	-	-	-	-	MW74-A
Polyester (amide)(imide)	200	X	X	-	-	-	-	-	MW74-C
Polyurethane	130	X	X	-	-	-	-	-	MW75-C
Polyester (amide)(imide)/polyamide	180	X	X	-	-	-	-	-	MW76-A
Polyester (amide)(imide)/polyamide	180	X	X	X	-	-	-	-	MW76-C
Polyester (imide) solderable	180	X	X	-	-	-	-	-	MW77-C
Polyester (imide)/polyamide solderable	180	X	X	-	-	-	-	-	MW78-C
Polyurethane	155	X	X	X	X	-	-	-	MW79-C
Polyurethane/polyamide	155	X	X	-	-	-	-	-	MW80-A
Polyurethane/polyamide	155	X	X	X	X	-	-	-	MW80-C
Polyamideimide	200	X	X	-	-	-	-	-	MW81-C
Polyurethane	180	X	X	X	X	-	-	-	MW82-C
Polyurethane/polyamide	180	X	X	X	X	-	-	-	MW83-C
Polyester/Polyamideimide/Selfbonding	180	-	X	X	-	-	-	-	MW102-A
Polyester/Polyamideimide/Selfbonding	180	-	X	X	-	-	-	-	MW102-C
Polyurethane/ Selfbonding	130	-	X	X	-	-	-	-	MW130-C
Polyurethane/Polyamide/ Selfbonding	130	-	X	X	-	-	-	-	MW131-C
Polyurethane/ Selfbonding	155	-	X	X	-	-	-	-	MW135-C
Polyurethane/Polyamide/ Selfbonding	155	-	X	X	-	-	-	-	MW136-C