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漆包線事業部

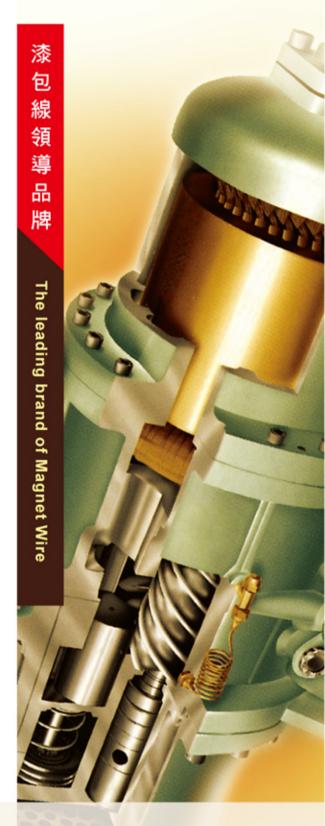
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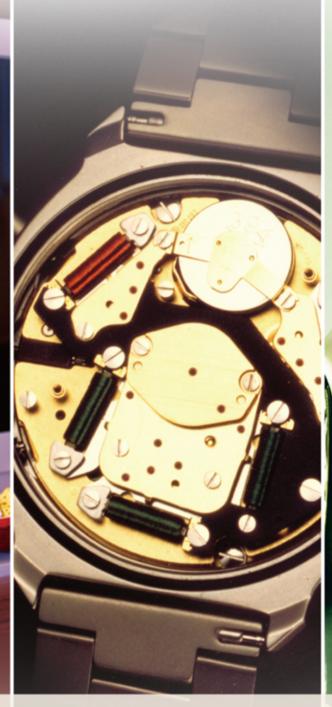


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漆包線事業

台一國際始終以領先性的核心技術與嚴謹的品質把關流程、提供市場高信賴度的產品。因爲唯有始終如一的卓越品質、才能成 就真正恆久不衰的品牌價值。因此,台一國際一路走來以「創新技術」為本位,親「產品品質」為生命:研發團隊不斷地在專 業領域上挹注心力,屢屢以卓越的技術獲得革命性的突破:而現代化的品管流程及創新科技嚴密而完善地監控生產過程中的每 一個微小細節。因此,台一國際高品質的產品總是超乎客戸預期的水準,落實以全方位第一達到全方位的客戸滿意。

Magnet Wire Business

Providing reliable products with advanced core technologies and strict quality control is always our priorities to our customers. Because only if contenting extraordinary quality products consistently the brand value can be achieved eternity. As time goes by, Tai-I sets "Technologic Innovation" as our standard and regards "Product Quality" as our life. Our Research and Development team puts a great deal of attention on professional fields with excellent technology to develop revolutionary products. Besides, our goal is by using modern procedure and innovated technologies to fully monitor every single detail on the production process. Hence, our high quality products always exceed customers' expectations and fulfill customers' satisfaction comprehensively.

Contents

Index of Film Insulated Round Magnet Wire

| 漆包線製品一纜表 Index of Magnet Wire Products | P |
|---|---|
| UL黃卡 UL Yellow Card | Р |
| 各種合成樹脂電線特性一覽表 Index of Properties Regular Type Magnet Wire | P |
| 耐熱壽命特性 Limiting Temperature | P |

尺寸規格 Index of Dimensions

| 1種尺寸表 Class 1 | 0種尺寸表 Class 0 | P.11 |
|---------------------------------|------------------|--------|
| Class 2 | 1001 4 9 5 4 | P.12 |
| Class 3 | 1000 | . P.13 |
| NEMA Dimensions P.15 線軸尺寸及重量 | 1007 | . P.14 |
| TOTAL T STREET | 7,701100 | . P.15 |
| | TOTAL TOTAL | P.16 |

◎ 一般線/Regular Type Magnet Wire

※ UL認可取得品種(ULFile No.E85640)

| 品名 | 代號 | 耐熱區分 Thermal | UL認可耐熱溫度 Thermal Endurance | 規格範圍 | 主要用途 | | 適用規 | 格 Applic | able Sta | ndard | |
|---|--------|-----------------|-------------------------------|------------|--|---------|---------|-----------------|----------|---------|-------|
| Magnet Wire | Symbol | Endurance Class | Approved by UL | Size Range | Main applications and characteristics | JIS | NEMA | IEC | BS | DIN | CNS |
| 聚乙烯醇縮甲醛漆包線 Polyvinyl-Formal | PVF | А | 105℃ | 0.12~3.2 | 汎用馬達、油壓變壓器、其他電器用品 General purpose motor, Oil filled transformers,good windability | C3202/2 | MW 15-C | 317-1 | 4516 | 46416/1 | C2040 |
| 聚乙烯醇縮甲醛尼龍雙被覆漆包線 Polyvinyl-Formal-Nylon | PVF.E | А | 105℃ | 0.12~2.0 | 水中馬達、密閉馬達、及電器用品等。耐濕熱性優良 Submersible motors and sealed motors. Resistance to moisture with high temperature | | MW 17-C | | | | |
| 聚胺基甲酸酯漆包線 Polyurethane | UEW | В | 130℃ ※ | 0.05~1.6 | 適用於具有直焊特性之各種機器、通信器材、 儀錶器、家用電器用品、繼電器、螺線管及小型變壓器 Solderable wire, Relays, Solenoids coil small motors and so on | C3202/6 | MW 75-C | 317-4 | 4520 | 46416/2 | C2041 |
| 聚胺基甲酸酯尼龍雙被覆漆包線 Polyurethane-Nylon | UEW.E | В | 130℃ ※ | 0.05~1.6 | 適用於具有直焊特性之各種機器、小型馬達、偏向線圈、 繞線性優良 Class B solderable wire, excellent to windability | | MW 28-C | | | | C2170 |
| 聚酯瓷漆包線 Polyester | PEW | F | 155℃ ※ | 0.05~3.2 | 汎用馬達、小型馬達、各種變壓器、小型變壓器、 電磁閥線圈、各種機器 Motors coils and transformers | C3202/5 | MW 5-C | 317-3 Type 1 | | | C2039 |
| 聚酯瓷尼龍雙被覆 Polyester-Nylon | PEW.N | F | 155℃ ※ | 0.05~3.2 | 汎用馬達、各種變壓器、繞線性、耐凡立水性優良 Motors and Transformers, Excellent windability and compatibility to varnish | | MW 24-C | | | | C2168 |

◎ 耐熱線/Heat Resistant Magnet Wire

| 品名 | 代號 | 耐熱區分 Thermal | UL認可耐熱溫度 Thermal Endurance | 規格範圍 | 主要用途 | | 適用規 | 見格 Applic | able Star | ndard | |
|--|--------|-----------------|-------------------------------|------------|---|---------|---------|-----------------|-----------|---------|-------|
| Magnet Wire | Symbol | Endurance Class | Approved by UL | Size Range | Main applications and characteristics | JIS | NEMA | IEC | BS | DIN | CNS |
| F種聚酯瓷漆包線 Class F Polyester | FTW | F | 155℃※ | 0.05~3.2 | 汎用具有耐熱性之馬達及其他電器用品等 Class F Motors and Transformers | | MW 5-C | 317-3 Type 2 | | 46416/4 | |
| F種聚酯瓷尼龍雙被覆漆包線 Class F Polyester-Nylon | FTW.E | F | 155℃※ | 0.05~3.2 | 汎用馬達、電器用品、繞線性、耐凡立水優良 Motors. Excellent windability and compatibility to varnish | | MW 24-C | | | | |
| 聚亞胺聚酯漆包線 Polyesterimide | EIW | н | 180℃※ | 0.05~2.6 | 適用於具有耐熱性H種要求之機器、汎用馬達、高壓變壓器、 其他電器用品、耐濕熱性優良 Class H Excellent cut through and moisture with high temperature | C3202/8 | MW 30-C | 317-8 | 4665 | 46416/5 | C2100 |
| H種聚亞胺聚酯聚亞胺醯 胺聚酯漆包線 Polyesterimide-Polyamideimide | EIW.H | 200℃ | 200℃※ | 0.05~2.6 | 適用於具有耐熱性H種以上要求之機器;特殊馬達、高壓變壓器、電動工具、繞線性、耐熱性、耐濕熱性優良 Class 200℃. Excellent windability, resistance to cut-through, abrasion and heat shock | | MW 35-C | 317-13 | | | |
| 聚亞胺醯胺聚酯漆包線 Polyamideimide | AIW | 220℃ | 220℃ ※ | 0.05~2.6 | 特殊馬達、電動工具、飛機配件、電器用品、耐熱性優良 Special motors. Heavy duty hand tool motor, excellent cut through with high temperature | | | | | | |

◎ 特殊線/Special Purpose Magnet Wire

※ UL認可取得品種(ULFile No.E85640)

| 品名 | 代號 | 耐熱區分 | UL認可耐熱溫度 | 規格範圍 | 主要用途 | | | l格 Appli | cable Sta | andard | |
|--|---------|----------------------------|-------------------------------------|-------------|---|---------|---------|----------|-----------|---------|-----|
| Magnet Wire | Symbol | Thermal Endurance Class | Thermal Endurance Approved by UL | Size Range | Main applications and characteristics | JIS | NEMA | IEC | BS | DIN | CNS |
| 直焊性聚酯瓷漆包線(SMPEW線) Solderable Modified Polyester | SMPEW | F | 155°C | 0.05~1.6 | 耐熱性F種於直焊400℃-430℃時即可直焊 Class F, Solderable by 400℃-430℃ | | MW 26-C | | | | |
| SMHEIW.H線 Solderable Modified Polyesterimide | SMEIW | Н | 180℃ | 0.05~0.9 | 耐熱性H種於直焊溫度440℃-460℃時即可直焊 Class H, Solderable by 440℃-460℃ | | MW 77-C | | | | |
| SMHEIW線 Class H Solderable Modified Polyesterimide | SMEIW.H | Н | 180°C | 0.05~0.9 | 耐熱性H種於直焊溫度455℃-470℃時即可直焊 Class H, Solderable by 455℃-470℃ | | | | | | |
| NEW線 Fuse Wire | NEW | E | 105°C | 0.06~0.4 | 融斷線丶可直焊 Fusing Wire Solderable | | | | | | |
| UEWS線 Polyurethane | UEWS | E | 130℃ | 0.03~2.6 | 直焊溫度較UEW低,直焊作業性佳 Solderable at low temperature than UEW. Excellent solder treatment | | | | | | |
| UEWB線 Class B Polyurethane | UEWB | В | 130℃ ※ | 0.03~2.6 | 耐熱性比UEW優良(其熱衝擊性特別優良) Excellent Heat Resistant than UEW. (Specially excellent Heat Shock) | C3202/6 | MW 75-C | 317-4 | 4520 | 46416/2 | |
| UEWF線 Class F Polyurethane | UEWF | F | 155℃ ※ | 0.05~2.6 | 耐熱性F種直焊溫度390℃-430℃ Class F Solderable by 390℃-430℃ | | MW 79-C | | | | |
| UEWF.E線 Class F Polyurethane-Nylon | UEWF.E | F | 155℃ ※ | 0.05~2.6 | 耐熱性F種直焊溫度390℃-430℃。適用於具只有直焊特性之各種機器、繞線性優良 Class F. Solderable by 390℃-430℃. Excellent Solderable, good windability | | MW 80-C | | | | |
| 抗突波漆包線 Voltage Surge Resistant Wire | EIW.H | 200℃ | 200℃ | 0.511~1.290 | 工業高壓馬達、高頻馬達、變頻負載馬達・(如起重機、變頻馬達…等) Industrial high voltage motors、High frequency motors、 Inverter-Duty motors(such as crame motors,hoist motors etc.) | | MW 35-C | | | | |
| AD-UEW線 AD-Polyurethane | AD-UEW | E | - | 0.02~1.6 | 適用於音質要求之音響機器用線圈、特殊導體使用 Excellent stereo radio coils, special purpose conductors | | | | | | |
| SL-PEW線 SL-Polyester | SL-PEW | В | - | 0.20~2.6 | 滑性優良之PEW,最適用於要求嚴苛之繞線作業 Good lubricity | | | | | | |

◎ 融著線/Bonding Magnet Wire

| 品名 | 代號 | 耐熱區分 | UL認可耐熱溫度 Thermal Endurance | 規格範圍 | 主要用途 | | 適用規 | 格 Applic | cable Sta | ndard | |
|---|------------------|----------------------------|-------------------------------|------------|---|----------|--------|----------|-----------|---------|-------|
| Magnet Wire | Symbol | Thermal Endurance Class | Approved by UL | Size Range | Main applications and characteristics | JIS | NEMA | IEC | BS | DIN | CNS |
| 自融著聚胺基甲酸酯雙被覆漆包線 Polyurethane Self-Bonding | FBW.E | Е | 130°C | 0.14~0.8 | 可直焊、小型變壓器,偏向線圈、繼電器線圈、擴音器線圈 Solderable, coreless motors, voice coils | | MW 3-C | 317-2 | 4738 | 46416/3 | C2074 |
| AD-自融著聚胺基甲酸酯雙被覆漆包線 AD-Polyurethane Self-Bonding | AD-FBW.E | E | - | 0.14~0.8 | 適用於音質要求之音響機器用線圈、特殊導體 Excellent stereo coils, special purpose conductors | | | | | | |
| 聚酯瓷融著 Polyester Self-Bonding | FBW.B | В | 130℃ | 0.10~0.8 | 離合器及煞車器線圈、小型馬達 Clutch coils, small motors | | | | | | |
| 變性聚酯瓷融著線 Class F Polyester Self-Bonding | FBW.F | F | 155°C | 0.10~0.8 | 小型馬達、離合器及煞車器線圈 Small motors, Clutch coils | | | | | | |
| 自融著聚亞胺聚酯雙被覆漆包線 Polyesterimide Self-Bonding | FBW.H | Н | 180°C | 0.14~0.8 | 偏向線圈、吸塵器馬達、高壓變壓器 Yoke coils, Cleaner motors, High voltage transformers | MW 102-C | | 4738 | | | |
| 自融著聚亞胺聚酯聚亞胺醯胺聚酯 雙被覆漆包線 Polyesterimide Polyamidemide Self-Bonding | FBW.HA FBW.HC | н | 200℃ ※ | 0.26~0.8 | 偏向線圈丶高壓變壓器 Amideimide over coated, Yoke coils, High voltage transformers | | | | | | |

◎ 耐冷媒線/Resistant to Refrigerants Magnet Wire

※ UL認可取得品種(ULFile No.E85640)

| 品名 | 代號 耐熱區分 Thermal | | UL認可耐熱溫度 規 | 規格範圍 | 主要用途 | 適用規格 Applicable Standard | | | | | | | |
|-----------------------------------|--------------------|-----------------|----------------|------------|--|--------------------------|---------|-----|----|-----|-----|--|--|
| Magnet Wire | Symbol | Endurance Class | Approved by UL | Size Range | Main applications and characteristics | JIS | NEMA | IEC | BS | DIN | CNS | | |
| B種耐冷媒線 Class F Freon-Resisting | DFW.B | F | 155℃ ※ | 0.32 ~1.0 | 冰箱用馬達、冷凍機用馬達,繞線性優良 Refrigerator motors. Good windability | | | | | | | | |
| H種耐冷媒線 Clss H Freon-Resisting | DFW.F | 200℃ | 200℃ ※ | 0.40 ~1.4 | 冷氣機用馬達、大型冷凍機用馬達,繞線性優良 Coolers and large refrigerating equipment motors. Good windability | | MW 73-C | | | | | | |

◎ 三層絕緣線/Triple Insulated Wire

| 品名 | 代號 耐熱區分 Thermal | | UL認可耐熱溫度 Thermal Endurance | 規格範圍 | 主要用途 | 適用規格 Applicable Standard | | | | | | | |
|--------------------------------|--------------------|-----------------|-------------------------------|------------|--|--------------------------|--------------------------------|-----|----|-----|-----|--|--|
| Magnet Wire | Symbol | Endurance Class | Approved by UL | Size Range | Main applications and characteristics | JIS | NEMA | IEC | BS | DIN | CNS | | |
| 三層絕緣線 Triple Insulated Wire | TUB-X | 130°C | 130℃ | 0.20~1.00 | 機器人、印表機、電玩遊戲機、液晶顯示器、電漿顯示器之SMPS 電源供應器及變壓器,個人電腦 AC轉接器、數位相機及手機之電池充電器 Transformers SMPS for Robot,printer,PS,LCD,PDP monitor,AC adapter for Personal Computer,Battery charger for Digital Camera and Mobile phone. | | UL 60950 UL 2353 UL 1446 | | | | | | |
| 三層絕緣線 Triple Insulated Wire | TUF-X | 155℃ | 155℃ | 0.20~1.00 | 機器人、印表機、電玩遊戲機、液晶顯示器、電漿顯示器之SMPS 電源供應器及變壓器,個人電腦 AC轉接器、數位相機及手機之電池充電器 Transformers SMPS for Robot,printer,PS,LCD,PDP monitor,AC adapter for Personal Computer,Battery charger for Digital Camera and Mobile phone. | | UL 60950 UL 2353 UL 1447 | | | | | | |

◎ 鋁線/Aluminium Wire

| 品名 | 代號 耐熱區分 Thermal | | UL認可耐熱溫度 Thermal Endurance | 規格範圍 | 主要用途 | 適用規格 Applicable Standard | | | | | | | |
|---|--------------------|-----------------|-------------------------------|------------|---|--------------------------|---------|-----|----|-----|-----|--|--|
| Magnet Wire | Symbol | Endurance Class | Approved by UL | Size Range | nge Main applications and characteristics | | NEMA | IEC | BS | DIN | CNS | | |
| 聚乙烯醇縮甲醛鋁漆包線 Polyvinyl Formal AL Wire | A.PVF | А | - | 0.40 ~1.6 | 小型變壓器、洗衣機馬達、其它 Small transformers. Washer motors | C 3202/3 | MW 15-A | | | | | | |
| 聚酯瓷鋁漆包線 Polyester AL Wire | A.PEW | В | - | 0.40 ~1.0 | 離合器線圈、洗衣機馬達、其它 Clutch coils. Washer motors | | | | | | | | |

◎ 其他/The Others

| 品名 | 代號 | 耐熱區分 | UL認可耐熱溫度 Thermal Endurance | 規格範圍 | 主要用途 | 適用規格 Applicable Standard | | | | | | | | |
|-------------------------|--------|----------------------------|-------------------------------|------------|---|--------------------------|------|-----|----|-----|-----|--|--|--|
| Magnet Wire | Symbol | Thermal Endurance Class | Approved by UL | Size Range | Main applications and characteristics | JIS | NEMA | IEC | BS | DIN | CNS | | | |
| 平列接著線 BF Magnet Wire | BF | A~H | - | 0.10 ~1.0 | 小型變壓器、平行繞線用 Small transformers | | | | | | | | | |
| 撚線 Litz Magnet Wire | LZ | A~H | - | 0.10 ~1.0 | 小型變壓器、其他線圈 Small transformers, Coils | | | | | | | | | |

UL 黃卡 UL Yellow Card

OBMW2 Magnet Wire-Component TAI-I ELECTRIC WIRE & CABLE CO LTD 10TH FL 129 MING SHENG EAST RD,SEC 3 TAIPEI, TAIWAN

E85640

| Mtl | Coat Typ | | | ANSI | |
|-------------|-----------------|-----------------|-----------|---------|-----|
| Dsg | BC | OC | | Type(+) | T1 |
| UEWE | Polyurethane | Polyamide | | MW-28C | 130 |
| UEW | Polyurethane | - | | MW-75C | 130 |
| FTW | Polyester | - | | MW-5C | 155 |
| FTW E | Polyester | Polyamide | | MW-24C | 155 |
| EIW | Polyester-imide | - | | MW-30C | 180 |
| EIW HB | Polyester-imide | Polyamide-imide | | MW-37C | 220 |
| EIW H | Polyester-imide | Polyamide-imide | | MW-35C | 200 |
| DFW F | Polyester-imide | Polyamide-imide | | MW-73C | 200 |
| AIW | Polyamide-imide | - | | - | 220 |
| UEWF-E | Polyurethane | Polyamide | | MW-80C | 155 |
| UEWF | Polyurethane | - | | MW-79C | 155 |
| UEWB | Polyurethane | - | | MW-75C | 130 |
| PEW | Polyester | - | | MW-5C | 155 |
| AIW-C | Polyamide-imide | - | | - | 220 |
| PEWN | Polyester | Polyamide | | MW-24C | 155 |
| SMEIW | Polyester-imide | - | | MW-77C | 180 |
| DFWB | Polyester | Polyamide | | MW-24C | 155 |
| DFWFH | Polyester-imide | Polyamide-imide | | MW-35C | 200 |
| EIWHA | Polyester | Polyamide-imide | | MW-35C | 200 |
| | (amide)(imide) | | | | |
| FTWH | Polyester | Polyamide-imide | | MW-35C | 200 |
| | (amide)(imide) | | | | |
| FTW-1 | Polyester | - | | MW-5C | 180 |
| | | - | | | 155 |
| EIW-C | Polyester-imide | | | - | 200 |
| | | | | | |
| MtI | | Coat Typ | | ANSI | |
| Dsg | BC | OC | BOND | Type(+) | T1 |
| FBWHA,FBWHC | Polyester-imide | Polyamide-imide | Polyamide | - | 200 |
| | | | | | |

Marking: Company name and material designation on packages or reels.

Underwriters Laboratories Inc.





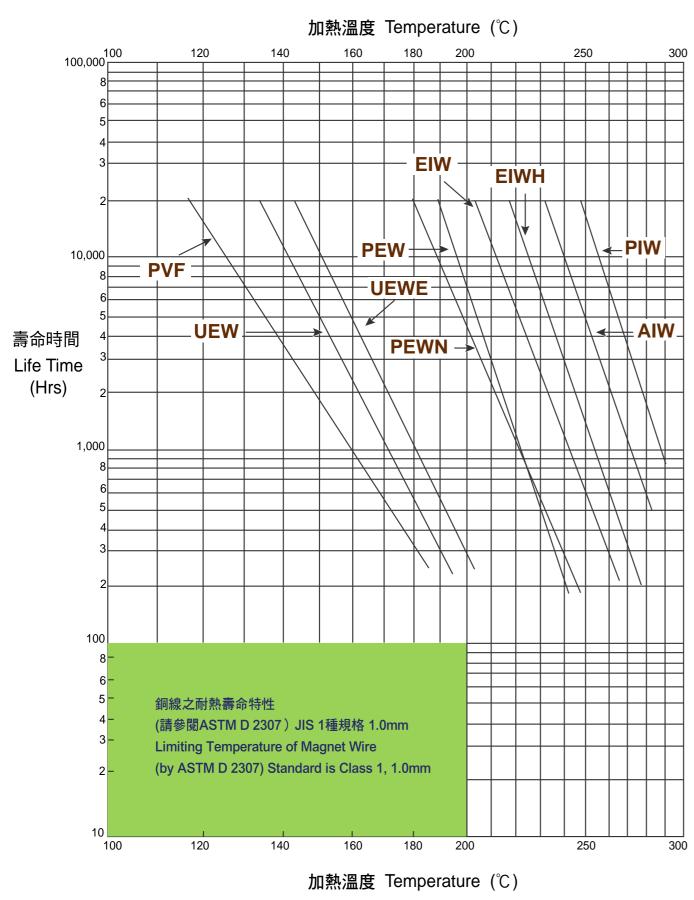


各種合成樹脂電線特性一覽表

Index of Properties Regular Type Magnet Wire

| H II | 口水间阳 | | | | ex or i | | | | · · | | |
|--------------------------|-----------------------------------|---------------------------------|---------------------|--------------------|-----------------------|-----------------|------------------------|-------------------|------------------------|------------|-------------------|
| | | | | (Exceller | | 良(Good | | 可(Avera | | ×不可(N | |
| | i 目 EM | 電線種 WIRE TYPE | 聚乙烯醇縮甲醛漆包線 (PVF) | 聚胺基甲酸酯漆包線 (UEW) | 聚胺基甲酸酯尼龍雙被覆漆包線(UEW.E) | 聚酯瓷漆包線 (PEW) | 聚酯瓷尼龍雙被覆漆包線 (PEW.N) | 聚亞胺聚酯漆包線 (EIW) | 聚亞胺聚酯聚亞胺醯胺聚酯漆包線(EIW.H) | 聚亞胺醯胺聚酯漆包線 | 聚亞胺醯胺漆包線 (PIW) |
| | 不規則繞線法劣化 Windability used | 性 random winding machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 機 | 自動繞線劣化性 Windability used a | automatic winding machine | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 械 特 性 | 可撓性(%) Flexibility (%) | | 120 | 105 | 110 | 110 | 120 | 120 | 120 | 120 | 130 |
| Mechanical | | Resistance Test (Times) | 70 | 40 | 50 | 60 | 70 | 60 | 90 | 150 | 50 |
| Properties | | ape resistance Test (kg) | 1.2 | 1.1 | 1.3 | 1.0 | 1.4 | 1.2 | 1.2 | 1.1 | 0.9 |
| | 扭轉剝離(回) Adhesion Test by | Twisting method (Times) | 154 | 150 | 150 | 147 | 145 | 140 | 140 | 140 | 173 |
| 針 孔 | 針孔自然回復性 Pin Hole Natural | 吸濕(無) No-moisture absorption | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pin Hole | restorability | 吸濕(有) Moisture absorption | × | × | Δ | 0 | 0 | Δ | Δ | 0 | 0 |
| | 耐苯乙烯性 Resistance to Sty | rene | Δ | × | 0 | × | 0 | 0 | 0 | 0 | 0 |
| 耐 | 石油系列變壓器絕 Resistance to Pet | 緣油性 rolic transformer Oil | 0 | × | × | 0 | 0 | 0 | 0 | 0 | Δ |
| 藥品類 | 氯化物系列變壓 Resistance to Chl | oric transformer Oil | × | Δ | 0 | Δ | 0 | Δ | 0 | 0 | 0 |
| 類 特 性 | 耐硫酸性 Resistance to Sul | phuric Acid | 0 | 0 | 0 | 0 | 0 | 0 | © | 0 | 0 |
| Chemical Properties | 耐氫氧化納性 Resistance to Soc | diom Hydroxide | 0 | 0 | 0 | × | Δ | Δ | 0 | Δ | × |
| Troportios | 耐冷媒性(R-407) Resistance to refr | igerants (R-407) | × | × | × | × | × | 0 | 0 | 0 | 0 |
| | 耐冷媒性(R-22) Resistance to refr | igerants (R-22) | × | × | × | × | × | 0 | 0 | 0 | 0 |
| 阿甘 | 耐軟化溫度(℃) Cut-through (℃) | | 260 | 250 | 240 | 310 | 290 | 400 | 420 | 440 | 550 |
| 熱 性 | 熱壽命(℃) Thermal Enduran | ce (ASTMD2307) | 105 | 130 | 130 | 155 | 155 | 180 | 200 | 220 | 240 |
| Heat Resistant | 耐熱衝擊性 Heat Shock | | 0 | Δ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Properties | 過電流特性 Burnoof Test | | 0 | Δ | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 電 | 耐Corona放電發生 Proof Corona Volt | | 600 | 550 | 550 | 590 | 480 | 480 | 480 | 480 | 500 |
| 器 特 性 | 浸水後之破壞電壓 B.D.V. after wet | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Electrical Properties | 吸濕後之破壞電壓 B.D.V. after moist | ure absorption | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | 吸濕後之絕緣抵抗 Resistance after r | noisture absorption | Δ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 皮 剝 膜 離 | 直焊性 Solderable | | × | 0 | 0 | × | × | × | × | × | × |
| Insulating Removal | 藥品剝離性 Chemical Remova | al | 0 | Δ | Δ | 0 | 0 | × | × | × | × |

耐熱壽命特性 Limiting Temperature





1種尺寸表

| 導體 Bare Wire | | 0 種 Class 0 | | 最大導體抵抗 Maximum | 導體 Bare Wire | | 0 種 Class 0 | | 最大導體抵抗 Maximum |
|-----------------------|--------------------------|--|---|--|-----------------------|--------------------------|--|---|--|
| 徑 Diameter (mm) | 容許差 Tolerance (mm) | 最小皮膜厚 Minimum Film Thickness (mm) | 最大完成外徑 Maximum Overall Diameter (mm) | Conductor resistance per unit length (Ω/km) | 徑 Diameter (mm) | 容許差 Tolerance (mm) | 最小皮膜厚 Minimum Film Thickness (mm) | 最大完成外徑 Maximum Overall Diameter (mm) | Conductor resistance per unit length (Ω/km) |
| 0.10 | ±0.008 | 0.016 | 0.156 | 2647 | 0.65 | ±0.02 | 0.027 | 0.752 | 55.31 |
| 0.11 | ±0.008 | 0.016 | 0.166 | 2153 | 0.70 | ±0.02 | 0.028 | 0.804 | 47.47 |
| 0.12 | ±0.008 | 0.017 | 0.18 | 1786 | 0.75 | ±0.02 | 0.03 | 0.86 | 41.19 |
| 0.13 | ±0.008 | 0.017 | 0.19 | 1505 | 0.80 | ±0.02 | 0.031 | 0.914 | 36.08 |
| 0.14 | ±0.008 | 0.017 | 0.2 | 1286 | 0.85 | ±0.02 | 0.032 | 0.966 | 31.87 |
| 0.15 | ±0.008 | 0.017 | 0.21 | 1111 | 0.90 | ±0.02 | 0.033 | 1.02 | 28.35 |
| 0.16 | ±0.008 | 0.018 | 0.222 | 969.5 | 0.95 | ±0.02 | 0.034 | 1.072 | 25.38 |
| 0.17 | ±0.008 | 0.018 | 0.232 | 853.5 | 1.00 | ±0.03 | 0.036 | 1.138 | 23.33 |
| 0.18 | ±0.008 | 0.019 | 0.246 | 757.2 | 1.10 | ±0.03 | 0.037 | 1.242 | 19.17 |
| 0.19 | ±0.008 | 0.019 | 0.256 | 676.2 | 1.20 | ±0.03 | 0.037 | 1.342 | 16.04 |
| 0.20 | ±0.008 | 0.019 | 0.266 | 607.6 | 1.30 | ±0.03 | 0.039 | 1.448 | 13.61 |
| 0.21 | ±0.008 | 0.019 | 0.276 | 549 | 1.40 | ±0.03 | 0.039 | 1.548 | 11.7 |
| 0.22 | ±0.008 | 0.019 | 0.286 | 498.4 | 1.50 | ±0.03 | 0.041 | 1.654 | 10.16 |
| 0.23 | ±0.008 | 0.02 | 0.298 | 454.5 | 1.60 | ±0.03 | 0.041 | 1.754 | 8.906 |
| 0.24 | ±0.008 | 0.02 | 0.308 | 416.2 | 1.70 | ±0.03 | 0.042 | 1.856 | 7.871 |
| 0.25 | ±0.008 | 0.02 | 0.318 | 382.5 | 1.80 | ±0.03 | 0.042 | 1.956 | 7.007 |
| 0.26 | ±0.01 | 0.02 | 0.33 | 358.4 | 1.90 | ±0.03 | 0.044 | 2.062 | 6.278 |
| 0.27 | ±0.01 | 0.02 | 0.34 | 331.4 | 2.00 | ±0.03 | 0.044 | 2.162 | 5.656 |
| 0.28 | ±0.01 | 0.02 | 0.35 | 307.3 | 2.10 | ±0.03 | 0.045 | 2.266 | 5.123 |
| 0.29 | ±0.01 | 0.02 | 0.36 | 285.7 | 2.20 | ±0.03 | 0.046 | 2.368 | 4.662 |
| 0.30 | ±0.01 | 0.021 | 0.374 | 262.9 | 2.30 | ±0.03 | 0.046 | 2.468 | 4.26 |
| 0.32 | ±0.01 | 0.021 | 0.394 | 230 | 2.40 | ±0.03 | 0.048 | 2.574 | 3.908 |
| 0.35 | ±0.01 | 0.021 | 0.424 | 191.2 | 2.50 | ±0.03 | 0.049 | 2.678 | 3.598 |
| 0.37 | ±0.01 | 0.022 | 0.446 | 170.6 | 2.60 | ±0.03 | 0.049 | 2.778 | 3.324 |
| 0.40 | ±0.01 | 0.023 | 0.48 | 145.3 | 2.70 | ±0.03 | 0.049 | 2.878 | 3.079 |
| 0.45 | ±0.01 | 0.024 | 0.532 | 114.2 | 2.80 | ±0.03 | 0.049 | 2.978 | 2.861 |
| 0.50 | ±0.01 | 0.025 | 0.586 | 91.43 | 2.90 | ±0.03 | 0.049 | 3.078 | 2.665 |
| 0.55 | ±0.02 | 0.025 | 0.646 | 78.15 | 3.00 | ±0.03 | 0.049 | 3.178 | 2.489 |
| 0.60 | ±0.02 | 0.026 | 0.698 | 65.26 | 3.20 | ±0.04 | 0.049 | 3.388 | 2.198 |

| | 體 Wire | 1 種 Class 1 | | 最大導體抵抗 Maximum | 導體 Bare Wire | | 1種 Class 1 | | 最大導體抵抗 Maximum |
|-----------------------|--------------------------|--|---|---|-----------------------|--------------------------|--|---|---|
| 徑 Diameter (mm) | 容許差 Tolerance (mm) | 最小皮膜厚 Minimum Film Thickness (mm) | 最大完成外徑 Maximum Overall Diameter (mm) | Conductor resistance per unit length (Ω/km) | 徑 Diameter (mm) | 容許差 Tolerance (mm) | 最小皮膜厚 Minimum Film Thickness (mm) | 最大完成外徑 Maximum Overall Diameter (mm) | Conductor resistance per unit length (Ω/km) |
| 0.10 | ±0.008 | 0.009 | 0.14 | 2647 | 0.65 | ±0.02 | 0.018 | 0.724 | 55.31 |
| 0.11 | ±0.008 | 0.009 | 0.15 | 2153 | 0.70 | ±0.02 | 0.019 | 0.776 | 47.47 |
| 0.12 | ±0.008 | 0.01 | 0.162 | 1786 | 0.75 | ±0.02 | 0.02 | 0.83 | 41.19 |
| 0.13 | ±0.008 | 0.01 | 0.172 | 1505 | 0.80 | ±0.02 | 0.021 | 0.882 | 36.08 |
| 0.14 | ±0.008 | 0.01 | 0.182 | 1286 | 0.85 | ±0.02 | 0.022 | 0.934 | 31.87 |
| 0.15 | ±0.008 | 0.01 | 0.192 | 1111 | 0.90 | ±0.02 | 0.023 | 0.986 | 28.35 |
| 0.16 | ±0.008 | 0.011 | 0.204 | 969.5 | 0.95 | ±0.02 | 0.024 | 1.038 | 25.38 |
| 0.17 | ±0.008 | 0.011 | 0.214 | 853.5 | 1.00 | ±0.03 | 0.025 | 1.102 | 23.33 |
| 0.18 | ±0.008 | 0.012 | 0.226 | 757.2 | 1.10 | ±0.03 | 0.026 | 1.204 | 19.17 |
| 0.19 | ±0.008 | 0.012 | 0.236 | 676.2 | 1.20 | ±0.03 | 0.026 | 1.304 | 16.04 |
| 0.20 | ±0.008 | 0.012 | 0.246 | 607.6 | 1.30 | ±0.03 | 0.027 | 1.408 | 13.61 |
| 0.21 | ±0.008 | 0.012 | 0.256 | 549 | 1.40 | ±0.03 | 0.027 | 1.508 | 11.7 |
| 0.22 | ±0.008 | 0.012 | 0.266 | 498.4 | 1.50 | ±0.03 | 0.028 | 1.612 | 10.16 |
| 0.23 | ±0.008 | 0.013 | 0.278 | 454.5 | 1.60 | ±0.03 | 0.028 | 1.712 | 8.906 |
| 0.24 | ±0.008 | 0.013 | 0.288 | 416.2 | 1.70 | ±0.03 | 0.029 | 1.814 | 7.871 |
| 0.25 | ±0.008 | 0.013 | 0.298 | 382.5 | 1.80 | ±0.03 | 0.029 | 1.914 | 7.007 |
| 0.26 | ±0.01 | 0.013 | 0.31 | 358.4 | 1.90 | ±0.03 | 0.03 | 2.018 | 6.278 |
| 0.27 | ±0.01 | 0.013 | 0.32 | 331.4 | 2.00 | ±0.03 | 0.03 | 2.118 | 5.656 |
| 0.28 | ±0.01 | 0.013 | 0.33 | 307.3 | 2.10 | ±0.03 | 0.031 | 2.22 | 5.123 |
| 0.29 | ±0.01 | 0.013 | 0.34 | 285.7 | 2.20 | ±0.03 | 0.032 | 2.322 | 4.662 |
| 0.30 | ±0.01 | 0.014 | 0.352 | 262.9 | 2.30 | ±0.03 | 0.032 | 2.422 | 4.26 |
| 0.32 | ±0.01 | 0.014 | 0.372 | 230 | 2.40 | ±0.03 | 0.033 | 2.526 | 3.908 |
| 0.35 | ±0.01 | 0.014 | 0.402 | 191.2 | 2.50 | ±0.03 | 0.034 | 2.628 | 3.598 |
| 0.37 | ±0.01 | 0.014 | 0.424 | 170.6 | 2.60 | ±0.03 | 0.034 | 2.728 | 3.324 |
| 0.40 | ±0.01 | 0.015 | 0.456 | 145.3 | 2.70 | ±0.03 | 0.034 | 2.828 | 3.079 |
| 0.45 | ±0.01 | 0.016 | 0.508 | 114.2 | 2.80 | ±0.03 | 0.034 | 2.928 | 2.861 |
| 0.50 | ±0.01 | 0.017 | 0.56 | 91.43 | 2.90 | ±0.03 | 0.034 | 3.028 | 2.665 |
| 0.55 | ±0.02 | 0.017 | 0.62 | 78.15 | 3.00 | ±0.03 | 0.034 | 3.128 | 2.489 |
| 0.60 | ±0.02 | 0.017 | 0.672 | 65.26 | 3.20 | ±0.04 | 0.034 | 3.338 | 2.198 |

3種尺寸表

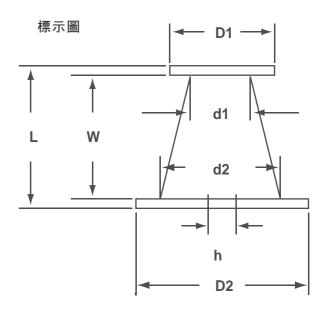
| 導體 Bare Wire | | 2 種 Class 2 | | 最大導體抵抗 Maximum | 導體 Bare Wire | | 2 種 Class 2 | | 最大導體抵抗 Maximum |
|-----------------------|--------------------------|--|---|---|-----------------------|--------------------------|--|---|---|
| 徑 Diameter (mm) | 容許差 Tolerance (mm) | 最小皮膜厚 Minimum Film Thickness (mm) | 最大完成外徑 Maximum Overall Diameter (mm) | Conductor resistance per unit length (Ω/km) | 徑 Diameter (mm) | 容許差 Tolerance (mm) | 最小皮膜厚 Minimum Film Thickness (mm) | 最大完成外徑 Maximum Overall Diameter (mm) | Conductor resistance per unit length (Ω/km) |
| 0.02 | ±0.002 | 0.003 | 0.03 | 69850 | 0.32 | ±0.005 | 0.01 | 0.357 | 222.8 |
| 0.03 | ±0.002 | 0.003 | 0.044 | 28870 | 0.35 | ±0.005 | 0.01 | 0.387 | 185.7 |
| 0.04 | ±0.002 | 0.003 | 0.056 | 15670 | 0.37 | ±0.005 | 0.01 | 0.407 | 165.9 |
| 0.05 | ±0.003 | 0.004 | 0.069 | 10240 | 0.40 | ±0.005 | 0.011 | 0.439 | 141.7 |
| 0.06 | ±0.003 | 0.004 | 0.081 | 6966 | 0.45 | ±0.006 | 0.011 | 0.49 | 112.1 |
| 0.07 | ±0.003 | 0.004 | 0.091 | 4990 | 0.50 | ±0.006 | 0.012 | 0.542 | 89.95 |
| 0.08 | ±0.003 | 0.005 | 0.103 | 3778 | 0.55 | ±0.006 | 0.012 | 0.592 | 74.18 |
| 0.09 | ±0.003 | 0.005 | 0.113 | 2956 | 0.60 | ±0.008 | 0.012 | 0.644 | 62.64 |
| 0.10 | ±0.003 | 0.005 | 0.125 | 2381 | 0.65 | ±0.008 | 0.012 | 0.694 | 53.26 |
| 0.11 | ±0.003 | 0.005 | 0.135 | 1957 | 0.70 | ±0.008 | 0.013 | 0.746 | 45.84 |
| 0.12 | ±0.003 | 0.006 | 0.147 | 1636 | 0.75 | ±0.008 | 0.014 | 0.798 | 39.87 |
| 0.13 | ±0.003 | 0.006 | 0.157 | 1389 | 0.80 | ±0.010 | 0.015 | 0.852 | 35.17 |
| 0.14 | ±0.003 | 0.006 | 0.167 | 1193 | 0.85 | ±0.010 | 0.015 | 0.904 | 31.11 |
| 0.15 | ±0.003 | 0.006 | 0.177 | 1037 | 0.90 | ±0.010 | 0.016 | 0.956 | 27.71 |
| 0.16 | ±0.003 | 0.007 | 0.189 | 908.8 | 0.95 | ±0.010 | 0.017 | 1.008 | 24.84 |
| 0.17 | ±0.003 | 0.007 | 0.199 | 803.2 | 1.00 | ±0.012 | 0.017 | 1.062 | 22.49 |
| 0.18 | ±0.003 | 0.008 | 0.211 | 715 | _ | - | _ | _ | _ |
| 0.19 | ±0.003 | 0.008 | 0.221 | 640.6 | - | - | - | - | - |
| 0.20 | ±0.003 | 0.008 | 0.231 | 577.2 | _ | - | _ | _ | _ |
| 0.21 | ±0.003 | 0.008 | 0.241 | 522.8 | _ | - | - | - | - |
| 0.22 | ±0.004 | 0.008 | 0.252 | 480.1 | _ | - | _ | _ | _ |
| 0.23 | ±0.004 | 0.009 | 0.264 | 438.6 | - | - | - | - | - |
| 0.24 | ±0.004 | 0.009 | 0.274 | 402.2 | _ | - | _ | _ | _ |
| 0.25 | ±0.004 | 0.009 | 0.284 | 370.2 | _ | - | - | - | _ |
| 0.26 | ±0.004 | 0.009 | 0.294 | 341.8 | _ | _ | _ | _ | _ |
| 0.27 | ±0.004 | 0.009 | 0.304 | 316.6 | _ | - | - | _ | - |
| 0.28 | ±0.004 | 0.009 | 0.314 | 294.1 | _ | _ | | | |
| 0.29 | ±0.004 | 0.009 | 0.324 | 273.9 | _ | - | - | - | _ |
| 0.30 | ±0.005 | 0.01 | 0.337 | 254 | _ | _ | _ | _ | _ |

| 導 Bare | 體 Wire | 3 種 Class 3 | | 最大導體抵抗 Maximum | 導 Bare | 體 Wire | 3 : Clas | 最大導體抵抗 Maximum | |
|-----------------------|--------------------------|--|---|---|-----------------------|--------------------------|--|---|---|
| 徑 Diameter (mm) | 容許差 Tolerance (mm) | 最小皮膜厚 Minimum Film Thickness (mm) | 最大完成外徑 Maximum Overall Diameter (mm) | Conductor resistance per unit length (Ω/km) | 徑 Diameter (mm) | 容許差 Tolerance (mm) | 最小皮膜厚 Minimum Film Thickness (mm) | 最大完成外徑 Maximum Overall Diameter (mm) | Conductor resistance per unit length (Ω/km) |
| 0.02 | ±0.002 | 0.002 | 0.028 | 69850 | 0.32 | ±0.005 | 0.007 | 0.347 | 222.8 |
| 0.03 | ±0.002 | 0.002 | 0.04 | 28870 | 0.35 | ±0.005 | 0.007 | 0.377 | 185.7 |
| 0.04 | ±0.002 | 0.002 | 0.052 | 15670 | 0.37 | ±0.005 | 0.007 | 0.397 | 165.9 |
| 0.05 | ±0.003 | 0.003 | 0.064 | 10240 | 0.40 | ±0.005 | 0.007 | 0.429 | 141.7 |
| 0.06 | ±0.003 | 0.003 | 0.075 | 6966 | 0.45 | ±0.006 | 0.007 | 0.479 | 112.1 |
| 0.07 | ±0.003 | 0.003 | 0.085 | 4990 | 0.50 | ±0.006 | 0.008 | 0.531 | 59.95 |
| 0.08 | ±0.003 | 0.003 | 0.097 | 3778 | 0.55 | ±0.006 | 0.008 | 0.581 | 74.18 |
| 0.09 | ±0.003 | 0.003 | 0.107 | 2956 | 0.60 | ±0.008 | 0.008 | 0.632 | 62.64 |
| 0.10 | ±0.003 | 0.003 | 0.118 | 2381 | _ | _ | _ | _ | _ |
| 0.11 | ±0.003 | 0.003 | 0.128 | 1957 | - | 1 | 1 | 1 | _ |
| 0.12 | ±0.003 | 0.004 | 0.139 | 1636 | _ | 1 | - | - | _ |
| 0.13 | ±0.003 | 0.004 | 0.149 | 1389 | - | 1 | 1 | - | _ |
| 0.14 | ±0.003 | 0.004 | 0.159 | 1193 | _ | 1 | - | 1 | _ |
| 0.15 | ±0.003 | 0.004 | 0.169 | 1037 | _ | 1 | 1 | ı | _ |
| 0.16 | ±0.003 | 0.005 | 0.181 | 908.8 | _ | 1 | - | - | _ |
| 0.17 | ±0.003 | 0.005 | 0.191 | 803.2 | _ | ı | 1 | ı | _ |
| 0.18 | ±0.003 | 0.005 | 0.202 | 715 | _ | _ | _ | _ | _ |
| 0.19 | ±0.003 | 0.005 | 0.212 | 640.6 | - | 1 | 1 | 1 | - |
| 0.20 | ±0.003 | 0.005 | 0.222 | 577.2 | _ | _ | _ | _ | _ |
| 0.21 | ±0.003 | 0.005 | 0.232 | 522.8 | _ | 1 | - | - | _ |
| 0.22 | ±0.004 | 0.005 | 0.243 | 480.1 | _ | _ | _ | _ | _ |
| 0.23 | ±0.004 | 0.006 | 0.255 | 438.6 | _ | 1 | 1 | I | _ |
| 0.24 | ±0.004 | 0.006 | 0.265 | 402.2 | _ | _ | - | _ | _ |
| 0.25 | ±0.004 | 0.006 | 0.275 | 370.2 | _ | _ | _ | - | _ |
| 0.26 | ±0.004 | 0.006 | 0.285 | 341.8 | - | 1 | 1 | 1 | _ |
| 0.27 | ±0.004 | 0.006 | 0.295 | 316.6 | _ | _ | - | - | _ |
| 0.28 | ±0.004 | 0.006 | 0.305 | 294.1 | _ | | _ | 1 | _ |
| 0.29 | ±0.004 | 0.006 | 0.315 | 273.9 | _ | _ | _ | _ | _ |
| 0.30 | ±0.005 | 0.007 | 0.327 | 254 | _ | 1 | | | |

14

| | | | SING | GLE | HEA | AVY | 最大導體電阻 | |
|-------------|--------------------------------|--------|--|--|--|--|--|--|
| AWG SIZE | 導體 直徑 Bare Wire Diameter | | 最小漆膜增徑 Minimum Increase in Diameter | 最大完成外徑 Maximum Overall Diameter | 最小漆膜增徑 Minimum Increase in Diameter | 最大完成外徑 Maximum Overall Diameter | 取入等簡単性 Maximum Conductor Resistant per unit length at 20°C (Ω/km) | |
| | INCH | mm | MIN. | MAX. | MIN. | MAX. | Ω/1000FT | |
| 8 | 0.1285 | 3.264 | _ | _ | 0.0033 | 0.1332 | 0.6281 | |
| 9 | 0.1144 | 2.906 | _ | _ | 0.0032 | 0.1189 | 0.7925 | |
| 10 | 0.1019 | 2.588 | _ | _ | 0.0031 | 0.1061 | 0.9987 | |
| 11 | 0.0907 | 2.304 | _ | _ | 0.003 | 0.0948 | 1.261 | |
| 12 | 0.0808 | 2.052 | _ | _ | 0.0029 | 0.0846 | 1.588 | |
| 13 | 0.072 | 1.829 | _ | _ | 0.0028 | 0.0757 | 2.001 | |
| 14 | 0.0641 | 1.628 | 0.0016 | 0.0666 | 0.0032 | 0.0682 | 2.524 | |
| 15 | 0.0571 | 1.45 | 0.0015 | 0.0594 | 0.003 | 0.0609 | 3.181 | |
| 16 | 0.0508 | 1.29 | 0.0014 | 0.0531 | 0.0029 | 0.0545 | 4.018 | |
| 17 | 0.0453 | 1.151 | 0.0014 | 0.0475 | 0.0028 | 0.0488 | 5.054 | |
| 18 | 0.0403 | 1.024 | 0.0013 | 0.0424 | 0.0026 | 0.0437 | 6.386 | |
| 19 | 0.0359 | 0.912 | 0.0012 | 0.0379 | 0.0025 | 0.0391 | 8.046 | |
| 20 | 0.032 | 0.813 | 0.0012 | 0.0339 | 0.0023 | 0.0351 | 10.13 | |
| 21 | 0.0285 | 0.724 | 0.0011 | 0.0303 | 0.0022 | 0.0314 | 12.77 | |
| 22 | 0.0253 | 0.643 | 0.0011 | 0.027 | 0.0021 | 0.0281 | 16.2 | |
| 23 | 0.0226 | 0.574 | 0.001 | 0.0243 | 0.002 | 0.0253 | 20.3 | |
| 24 | 0.0201 | 0.511 | 0.001 | 0.0217 | 0.0019 | 0.0227 | 25.67 | |
| 25 | 0.0179 | 0.455 | 0.0009 | 0.0194 | 0.0018 | 0.0203 | 32.37 | |
| 26 | 0.0159 | 0.404 | 0.0009 | 0.0173 | 0.0017 | 0.0182 | 41.02 | |
| 27 | 0.0142 | 0.361 | 0.0008 | 0.0156 | 0.0016 | 0.0164 | 51.44 | |
| 28 | 0.0126 | 0.32 | 0.0008 | 0.014 | 0.0016 | 0.0147 | 65.31 | |
| 29 | 0.0113 | 0.287 | 0.0007 | 0.0126 | 0.0015 | 0.0133 | 81.21 | |
| 30 | 0.01 | 0.254 | 0.0007 | 0.0112 | 0.0014 | 0.0119 | 103.7 | |
| 31 | 0.0089 | 0.226 | 0.0006 | 0.01 | 0.0013 | 0.0108 | 130.9 | |
| 32 | 0.008 | 0.203 | 0.0006 | 0.0091 | 0.0012 | 0.0098 | 162 | |
| 33 | 0.0071 | 0.18 | 0.0005 | 0.0081 | 0.0011 | 0.0088 | 205.7 | |
| 34 | 0.0063 | 0.16 | 0.0005 | 0.0072 | 0.001 | 0.0078 | 261.3 | |
| 35 | 0.0056 | 0.142 | 0.0004 | 0.0064 | 0.0009 | 0.007 | 330.7 | |
| 36 | 0.005 | 0.127 | 0.0004 | 0.0058 | 0.0008 | 0.0063 | 414.8 | |
| 37 | 0.0045 | 0.114 | 0.0003 | 0.0052 | 0.0008 | 0.0057 | 512.1 | |
| 38 | 0.004 | 0.102 | 0.0003 | 0.0047 | 0.0007 | 0.0051 | 648.2 | |
| 39 | 0.0035 | 0.089 | 0.0002 | 0.0041 | 0.0006 | 0.0045 | 846.6 | |
| 40 | 0.0031 | 0.079 | 0.0002 | 0.0037 | 0.0006 | 0.004 | 1079 | |
| 41 | 0.0028 | 0.071 | 0.0002 | 0.0033 | 0.0005 | 0.0036 | 1323 | |
| 42 | 0.0025 | 0.064 | 0.0002 | 0.003 | 0.0004 | 0.0032 | 1659 | |
| 43 | 0.0022 | 0.056 | 0.0002 | 0.0026 | 0.0004 | 0.0029 | 2143 | |
| 44 | 0.002 | 0.051 | 0.0001 | 0.0024 | 0.0004 | 0.0027 | 2593 | |
| 45 | 0.00176 | 0.0447 | 0.0001 | 0.00205 | 0.0003 | 0.0023 | 3349 | |
| 46 | 0.00157 | 0.0399 | 0.0001 | 0.00185 | 0.0003 | 0.0021 | 4208.628 | |

| 線軸名稱 Reel Name | | | 軸径 d(m | | 內長 W(mm) | 軸長 L(mm) | 穴徑 h(mm) | 線徑範圍 Size Range(mm) | 捲線重量 Wire weight (kg) |
|-------------------|-----|-----|-----------|-----|-------------|-------------|-------------|------------------------|--------------------------|
| | D1 | D2 | d1 | d2 | | | | | |
| PT-1 | 95 | 100 | 53 | 58 | 100 | 120 | 20 | 0.03~0.08 | 1.5±0.5 |
| PT-2 | 102 | 112 | 60 | 67 | 150 | 166 | 20 | 0.05~0.12 | 2.0±0.6 |
| PT-4 | 124 | 140 | 74 | 86 | 170 | 200 | 26 | 0.06~0.16 | 4.0±1.2 |
| PT-10 | 160 | 180 | 96 | 110 | 200 | 230 | 30 | 0.08~0.30 | 10.0±8.0 |
| PT-15 | 180 | 200 | 96 | 110 | 200 | 230 | 30 | 0.12~0.5 | 15.0±4.5 |
| PT-20A | 210 | 230 | 132 | 150 | 250 | 280 | 34 | 0.16~0.5 | 20.0±5.0 |
| PT-25 | 215 | 230 | 110 | 130 | 250 | 280 | 30 | 0.2~0.8 | 28.0±5.0 |
| PT-40 | 230 | 260 | 136 | 160 | 300 | 336 | 40 | 0.4~2.0 | 40.0±10.0 |
| PT-60 | 270 | 300 | 150 | 175 | 350 | 400 | 45 | 0.6~2.6 | 60.0±15.0 |
| PT-90 | 300 | 315 | 180 | 200 | 424 | 500 | 100 | 0.6~3.2 | 90.0±25.0 |
| PT-200 | 375 | 400 | 215 | 240 | 530 | 630 | 100 | 1.0~3.2 | 200.0±50.0 |
| PT-270 | 435 | 460 | 255 | 280 | 530 | 630 | 100 | 1.6~3.2 | 270.0±60.0 |





計高溫有色漆句線 Heat Resistant Magnet Wire