

TPE CABLE 【Halogen Free】 環保無鹵電纜

TAYUKABEL®

TPE CABLE AWM 【環保無鹵電纜】 柔軟、無毒、耐燃

【 AWM 20626】 90 °C , 150V / 300V / 600V
【 AWM 21002】 105 °C , 300V / 600V
【 AWM 20841】 80 °C , 300V



MADE IN TAIWAN **TAYUKABEL®** Eco-Green
ハロゲンフリー

- Conductor : Bare Copper or Tinned Copper 導體材質:裸銅線 or 鍍錫銅線
- Conductor Stranded+Kevlar or Polyester Yarn 導體絞合+凱佛拉絲 or 特多龍絲
- Insulation : Polypropylene(PP) or Polyethylene(PE) 絕緣材質:聚丙烯 or 聚乙烯
- Cabling Filler : Cotton Yarn or Polyester Yarn 絞集合填充棉繩 or 聚酯纖維
- Shielding 1st Layer : AL Foil Wrapping overlap 鋁箔麥拉隔離 (Optional)
- Shielding 2nd Layer : Copper Braded Shielded 銅網編織隔離 (Optional)
- Paper Tape or Mylar Tape Wrapping 棉紙 or 麥拉包帶 (Optional)
- Outer Sheath : TPE Jacket TPE 披覆(外被)



APPLIANCE WIRING MATERIAL Subj.758 **Style 20626** (UL20626)

Rating 80, 90 deg C, 30 Vac, 150 Vac, 300 Vac, 600 Vac, Cable flame.

Non Shield Type (+ Talcum) 無隔離/過粉- **UL20626**



Conductor Structure 導體結構/AWG	Insulation / ID 絕緣材質與內徑	Numbers 芯線數目	Sheath / OD 外被材質與完成外徑
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	2C	TPE, OD:3.7mm
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	3C	TPE, OD:3.9mm
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	4C	TPE, OD:4.4mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	2C	TPE, OD:4.1mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	3C	TPE, OD:4.4mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	4C	TPE, OD:4.9mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	2C	TPE, OD:4.7mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	3C	TPE, OD:5.0mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	4C	TPE, OD:5.4mm

Single Shield Type (AL Foil +D) 單隔離+地線- **UL20626**

Conductor Structure 導體結構/AWG	Insulation / ID 絕緣材質與內徑	Numbers 芯線數目	Sheath / OD 外被材質與完成外徑
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	2C+AL+D	TPE, OD:3.8mm
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	3C+AL+D	TPE, OD:4.0mm
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	4C+AL+D	TPE, OD:4.5mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	2C+AL+D	TPE, OD:4.2mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	3C+AL+D	TPE, OD:4.5mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	4C+AL+D	TPE, OD:5.0mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	2C+AL+D	TPE, OD:4.8mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	3C+AL+D	TPE, OD:5.1mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	4C+AL+D	TPE, OD:5.5mm

Double Shield Type (AL Foil +D+Braid) 雙隔離+地線- UL20626

Conductor Structure 導體結構 / AWG	Insulation / ID 絕緣材質與內徑	Numbers 芯線數目	Sheath / OD 外被材質與完成外徑
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	2C+AL+D+Braided 85%	TPE, OD:4.5mm
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	3C+AL+D+Braided 85%	TPE, OD:4.8mm
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	4C+AL+D+Braided 85%	TPE, OD:5.0mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	2C+AL+D+Braided 85%	TPE, OD:5.0mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	3C+AL+D+Braided 85%	TPE, OD:5.0mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	4C+AL+D+Braided 85%	TPE, OD:5.5mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	2C+AL+D+Braided 85%	TPE, OD:5.3mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	3C+AL+D+Braided 85%	TPE, OD:5.6mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	4C+AL+D+Braided 85%	TPE, OD:6.0mm



**TAYUKABEL®**APPLIANCE WIRING MATERIAL Subj.758 **Style 21002** (UL21002)

Rating 105 deg C, 300 Vac, 600 Vac, Cable flame.

Non Shield Type (+ Talcum) 無隔離/過粉- UL21002 105°C 300V

Conductor Structure 導體結構/AWG	Insulation / ID 絕緣材質與內徑	Numbers 芯線數目	Sheath / OD 外被材質與完成外徑
0.20mm/7 (24AWG)	PE UL10113, ID:1.1mm	2C	TPE, OD:3.7mm
0.20mm/7 (24AWG)	PE UL10113, ID:1.1mm	3C	TPE, OD:3.9mm
0.20mm/7 (24AWG)	PE UL10113, ID:1.1mm	4C	TPE, OD:4.4mm
0.16mm/17 (22AWG)	PE UL10113, ID:1.3mm	2C	TPE, OD:4.1mm
0.16mm/17 (22AWG)	PE UL10113, ID:1.3mm	3C	TPE, OD:4.4mm
0.16mm/17 (22AWG)	PE UL10113, ID:1.3mm	4C	TPE, OD:4.9mm
0.18mm/21 (20AWG)	PE UL10113, ID:1.6mm	2C	TPE, OD:4.7mm
0.18mm/21 (20AWG)	PE UL10113, ID:1.6mm	3C	TPE, OD:5.0mm
0.18mm/21 (20AWG)	PE UL10113, ID:1.6mm	4C	TPE, OD:5.4mm

Single Shield Type (AL Foil +D) 單隔離+地線- UL21002 105°C 300V

Conductor Structure 導體結構/AWG	Insulation / ID 絕緣材質與內徑	Numbers 芯線數目	Sheath / OD 外被材質與完成外徑
0.20mm/7 (24AWG)	PE UL10113, ID:1.1mm	2C+AL+D	TPE, OD:3.8mm
0.20mm/7 (24AWG)	PE UL10113, ID:1.1mm	3C+AL+D	TPE, OD:4.0mm
0.20mm/7 (24AWG)	PE UL10113, ID:1.1mm	4C+AL+D	TPE, OD:4.5mm
0.16mm/17 (22AWG)	PE UL10113, ID:1.3mm	2C+AL+D	TPE, OD:4.2mm
0.16mm/17 (22AWG)	PE UL10113, ID:1.3mm	3C+AL+D	TPE, OD:4.5mm
0.16mm/17 (22AWG)	PE UL10113, ID:1.3mm	4C+AL+D	TPE, OD:5.0mm
0.18mm/21 (20AWG)	PE UL10113, ID:1.6mm	2C+AL+D	TPE, OD:4.8mm
0.18mm/21 (20AWG)	PE UL10113, ID:1.6mm	3C+AL+D	TPE, OD:5.1mm
0.18mm/21 (20AWG)	PE UL10113, ID:1.6mm	4C+AL+D	TPE, OD:5.5mm

Double Shield Type (AL Foil +D+Braid) 雙隔離+地線- UL21002 105℃ 300V

Conductor Structure 導體結構/AWG	Insulation / ID 絕緣材質與內徑	Numbers 芯線數目	Sheath / OD 外被材質與完成外徑
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	2C+AL+D+Braided 85%	TPE, OD:4.5mm
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	3C+AL+D+Braided 85%	TPE, OD:4.8mm
0.20mm/7 (24AWG)	PP UL10446, ID:1.1mm	4C+AL+D+Braided 85%	TPE, OD:5.0mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	2C+AL+D+Braided 85%	TPE, OD:5.0mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	3C+AL+D+Braided 85%	TPE, OD:5.0mm
0.16mm/17 (22AWG)	PP UL10446, ID:1.3mm	4C+AL+D+Braided 85%	TPE, OD:5.5mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	2C+AL+D+Braided 85%	TPE, OD:5.3mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	3C+AL+D+Braided 85%	TPE, OD:5.6mm
0.18mm/21 (20AWG)	PP UL10446, ID:1.6mm	4C+AL+D+Braided 85%	TPE, OD:6.0mm





APPLIANCE WIRING MATERIAL Subj.758 **Style 20841** (UL20841)
Rating 80 deg C, 300 Vac, Cable flame.

Non Shield Type (+ Talcum) 無隔離/過粉- **UL20841 80°C 300V**

Conductor Structure 導體結構/AWG	Insulation / ID 絕緣材質與內徑	Numbers 芯線數目	Sheath / OD 外被材質與完成外徑
0.20mm/7 (24AWG)	PP UL10954, ID:1.1mm	2C	TPE, OD:3.7mm
0.20mm/7 (24AWG)	PP UL10954, ID:1.1mm	3C	TPE, OD:3.9mm
0.20mm/7 (24AWG)	PP UL10954, ID:1.1mm	4C	TPE, OD:4.4mm
0.16mm/17 (22AWG)	PP UL10954, ID:1.3mm	2C	TPE, OD:4.1mm
0.16mm/17 (22AWG)	PP UL10954, ID:1.3mm	3C	TPE, OD:4.4mm
0.16mm/17 (22AWG)	PP UL10954, ID:1.3mm	4C	TPE, OD:4.9mm
0.18mm/21 (20AWG)	PP UL10954, ID:1.6mm	2C	TPE, OD:4.7mm
0.18mm/21 (20AWG)	PP UL10954, ID:1.6mm	3C	TPE, OD:5.0mm
0.18mm/21 (20AWG)	PP UL10954, ID:1.6mm	4C	TPE, OD:5.4mm

Single Shield Type (AL Foil +D) 單隔離+地線- **UL20841 80°C 300V**

Conductor Structure 導體結構/AWG	Insulation / ID 絕緣材質與內徑	Numbers 芯線數目	Sheath / OD 外被材質與完成外徑
0.20mm/7 (24AWG)	PP UL10954, ID:1.1mm	2C+AL+D	TPE, OD:3.8mm
0.20mm/7 (24AWG)	PP UL10954, ID:1.1mm	3C+AL+D	TPE, OD:4.0mm
0.20mm/7 (24AWG)	PP UL10954, ID:1.1mm	4C+AL+D	TPE, OD:4.5mm
0.16mm/17 (22AWG)	PP UL10954, ID:1.3mm	2C+AL+D	TPE, OD:4.2mm
0.16mm/17 (22AWG)	PP UL10954, ID:1.3mm	3C+AL+D	TPE, OD:4.5mm
0.16mm/17 (22AWG)	PP UL10954, ID:1.3mm	4C+AL+D	TPE, OD:5.0mm
0.18mm/21 (20AWG)	PP UL10954, ID:1.6mm	2C+AL+D	TPE, OD:4.8mm
0.18mm/21 (20AWG)	PP UL10954, ID:1.6mm	3C+AL+D	TPE, OD:5.1mm
0.18mm/21 (20AWG)	PP UL10954, ID:1.6mm	4C+AL+D	TPE, OD:5.5mm

Double Shield Type (AL Foil +D+Braid) 雙隔離+地線- UL20841 80°C 300V

Conductor Structure 導體結構/AWG	Insulation / ID 絕緣材質與內徑	Numbers 芯線數目	Sheath / OD 外被材質與完成外徑
0.20mm/7 (24AWG)	PP UL10954, ID:1.1mm	2C+AL+D+Braided 85%	TPE, OD:4.5mm
0.20mm/7 (24AWG)	PP UL10954, ID:1.1mm	3C+AL+D+Braided 85%	TPE, OD:4.8mm
0.20mm/7 (24AWG)	PP UL10954, ID:1.1mm	4C+AL+D+Braided 85%	TPE, OD:5.0mm
0.16mm/17 (22AWG)	PP UL10954, ID:1.3mm	2C+AL+D+Braided 85%	TPE, OD:5.0mm
0.16mm/17 (22AWG)	PP UL10954, ID:1.3mm	3C+AL+D+Braided 85%	TPE, OD:5.0mm
0.16mm/17 (22AWG)	PP UL10954, ID:1.3mm	4C+AL+D+Braided 85%	TPE, OD:5.5mm
0.18mm/21 (20AWG)	PP UL10954, ID:1.6mm	2C+AL+D+Braided 85%	TPE, OD:5.3mm
0.18mm/21 (20AWG)	PP UL10954, ID:1.6mm	3C+AL+D+Braided 85%	TPE, OD:5.6mm
0.18mm/21 (20AWG)	PP UL10954, ID:1.6mm	4C+AL+D+Braided 85%	TPE, OD:6.0mm

