



UL/CSA Type PPE / PPC-TPE portable cable

Type PPE / PPC-TPE

UL/CSA Type PPE / PPC-TPE Portable Power

UL Type PPE / CSA PPC-TPE 600 V & 2000 V (–40 to +105 °C) portable power elastomer cable



UL Type PPE & CSA PPC-TPE

600 V & 2,000 V · 1C to 5C

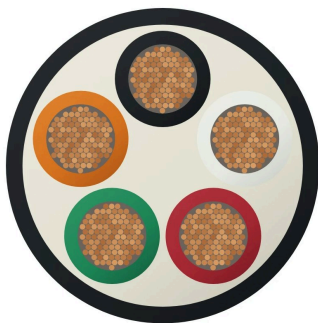
–40 to +105 °C · Class K Copper

Application

Dual-certified North American portable power elastomer cable (UL Type PPE / CSA Type PPC-TPE) built to UL 62, UL 1680 and CSA C22.2 No. 49/96 in single-conductor and 2- to 5-conductor configurations (#8 AWG to 500 kcmil) with rope-lay Class K copper and.

Typical uses: Mobile Diesel Generator & Load-Bank Rental Fleets, Concert Touring, Film Location & Event Power Distribution, Temporary Industrial Turnaround & Construction Spider Boxes, Portable Submersible Pump & Dewatering Feeders

Construction



Cross-section, not to scale

- 1 Extra-flexible Class K rope-lay bare (or tinned) copper
- 2 Thermoplastic Elastomer (TPE) primary insulation
- 3 Non-hygroscopic polypropylene fillers & separator tape
- 4 Heavy-duty Oil & Sunlight Resistant TPE outer jacket

Technical data

Typical values

Rated operating voltage	600 V & 2,000 V AC/DC (UL Type PPE / CSA Type PPC-TPE)	Factory AC dielectric & spark test	3.0 to 6.0 kV AC dielectric withstand + 100 % dry spark test
Temperature rating	-40 °C to +90 °C / +105 °C dry · +75 °C wet	Thermal cycling & overload stability	Verified thermal ageing and short-circuit withstand per standard
Weight reduction vs. thermoset rubber	15 % to 22 % lighter per 100 ft reel than equivalent EPDM/CPE Type W	Minimum bending radius	5 × OD (single-core) · 6 × OD (multi-core)
Oil, water, UV & flame resistance	UL Oil Res I, 75 °C Water Resistant, Sunlight Resistant, CSA FT1 / FT2 /	Environmental & chemical durability	Resistant to moisture, industrial fluids and service ageing
Standards	c(UL)us Type PPE (UL 62 / UL 1680) & CSA Type PPC-TPE (CSA C22.2 No. 49 /		

Sizes

9 standard constructions

Tick the sizes you need and send this page to info@tebaoflex.com or WhatsApp +86 185 9591 3361.

Order designation	Size	Rating	Outer Ø ≈ mm	Copper kg/km	Weight ≈ kg/km	Ampacity A	Min. bend R mm
Single-Conductor 600/2000 V Type PPE / PPC-TPE Cam-Lok Feeder Cables 4 sizes							
☐ Type PPE / PPC-TPE 1×6 AWG	1×6 AWG (13.3 mm ²)	600/2000 V	10.9	122	185	105	65
☐ Type PPE / PPC-TPE 1×2 AWG	1×2 AWG (33.6 mm ²)	600/2000 V	14.5	308	415	190	87
☐ Type PPE / PPC-TPE 1×2/0 AWG	1×2/0 AWG (67.4 mm ²)	600/2000 V	18.8	618	790	300	113
☐ Type PPE / PPC-TPE 1×4/0 AWG	1×4/0 AWG (107 mm ²)	600/2000 V	22.4	982	1,210	405	134
Multi-Conductor (4C & 5C) 600/2000 V Type PPE / PPC-TPE Portable Power Cords 5 sizes							
☐ Type PPE / PPC-TPE 4×8 AWG	4×8 AWG (8.37 mm ²)	600/2000 V	21.6	308	620	55	130
☐ Type PPE / PPC-TPE 4×4 AWG	4×4 AWG (21.2 mm ²)	600/2000 V	28.7	776	1,290	95	172
☐ Type PPE / PPC-TPE 4×2 AWG	4×2 AWG (33.6 mm ²)	600/2000 V	33.5	1,232	1,920	130	201
☐ Type PPE / PPC-TPE 5×6 AWG	5×6 AWG (13.3 mm ²)	600/2000 V	27.9	610	1,140	60	167
☐ Type PPE / PPC-TPE 5×2 AWG	5×2 AWG (33.6 mm ²)	600/2000 V	36.8	1,540	2,380	104	221

– Single-core ampacities are in free air (90 °C column); multi-core ampacities are for 3 current-carrying conductors.

Standards and approvals

- ✓ c(UL)us Type PPE & CSA Type PPC-TPE Listed
- ✓ NEC Articles 400, 520 & 530 / CEC Part I Compliant
- ✓ RoHS 2 & REACH Compliant

Certifications



Management systems: ISO 9001, ISO 14001, ISO 45001

Request a quotation

Send the size, length and destination. An application engineer replies within 2 business hours.

WhatsApp / phone

+86 185 9591 3361

Email

info@tebaoflex.com

Web

tebaoflex.com/cables/ul-csa-type-ppe-ppc-tpe-portable-power-elastomer-stage-industrial-feeder-cable



Typical values for this cable type, based on UL 62 / UL 1680 / CSA C22.2 No. 49 & No. 96 / NEC Art. 400 & 520. Values for your order are confirmed in the quotation. Subject to change without notice. Jiangsu Tebaoflex Special Cable Co., Ltd., Taicang, Jiangsu, China.