

Reeling Cable

Thermo-Trex® High Temp Reeling Cable

Thermo-Trex® High Temp Reeling Cable is a high temperature cable for reeling applications that can withstand a maximum conductor temperature of 200°C / 392°F. This reeling cable features a double-pass reinforced silicone jacket with an aramid center strength member for resistance to twisting and pulling in high tension applications.



Ratings 600V Max Conductor Temperature 200°C Cold Temperature Rating -40°C

Performance Characteristics ✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D.

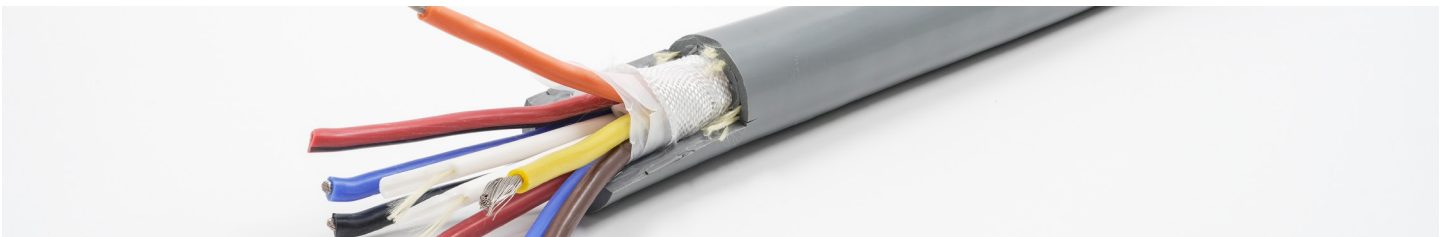
Engineered to Resist Flexing Abrasion Impact Tension High Temperature

Features & Benefits

<p>Finely Stranded Nickel-Plated Copper Conductors</p> <p>Fine stranding improves flex-life and reduces conductor fatigue and breakage. Nickel-plated conductors allow for high heat resistance.</p>	<p>Specially Compounded Silicone Insulation</p> <p>High tensile, and mechanical properties. Provides resistance to heat, moisture and chemicals.</p>	<p>Silicone Insulated Aramid Fiber Reinforced Center Strength</p> <p>Provides exceptional support in pulling, reeling and pendant applications. Improves tensile strength, reducing conductor fatigue and maximizing cable life.</p>	<p>Reinforced Aramid Braid Embedded in Jacket</p> <p>Reinforced with an aramid fiber braid for maximum tensile strength and resistance to twisting, essential for reeling applications.</p>	<p>Specially Compounded Silicone Jacket</p> <p>Offers superior first line defense against tearing, abrasion and impact. Resistance to oils and many industrial fluids.</p>
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Ordering Information For complete product ordering information, please scan the QR Code or contact your TPC sales representative

Part No.	Configuration (AWG/ Conductor Count)	Ampacity	Nominal O.D. (in.)	Weight per 1,000 ft. (lbs.)	Standard Cable Gland
41510	16/4	29	0.600	194	55005
41514	16/12	14	0.970	511	55010
41517	16/19	14	1.200	770	55011
41520	14/4	40	0.660	246	55007
41527	12/4	55	0.710	298	55007
41534	10/4	74	0.760	370	55008
41536	10/8	52	1.130	759	55011
41539	10/17	37	1.500	1376	55014
41540	8/4	102	1.040	659	55010
41546	6/4	137	1.170	879	55011
41554	4/4	186	1.300	1165	55014
41559	2/4	251	1.490	1634	55014
41560	2/6	200	1.750	2290	55015



Notes
 *Ampacities are based on ambient temperature of 40 degrees C and conductor temperature of 200 degrees C per IEEE Standard 835 Power Cable Ampacity Table.
 **Grip Seals Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.

Reeling Cable

Trex-Onics® Reduced Diameter Extra Heavy Duty Reeling Cable

Trex-Onics® Reduced Diameter Extra Heavy Duty Reeling Cable is ideal for reeling, cat tracks and theater/stage lighting. The strength of this cable is complemented with tinned conductors to provide a longer life in flexing and twisting applications. This reeling cable features a reinforced aramid braid embedded in the jacket rated at 1,800 lbs. tensile strength for tensile reeling applications. This cable also has TPE conductor insulation for a very low coefficient of friction and superior dielectrics.



Ratings



600V

Max Conductor Temperature 90°C

Cold Temperature Rating -40°C

Type TC-ER

FT1 Flame Rating

VW-1 Flame Rating

Suitable for Class I, II, Division 2***

Performance Characteristics

✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist



Flexing



Abrasion



Tension



Chemicals

Features & Benefits

Finely Stranded Tinned Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Tinned conductors resist corrosion and are easier to solder.

Specially Compounded TPE Insulation

Resists effects of lubricating oils, coolants, cutting oils, acids, and most chemicals.

High Flex Tape Separator

Improves performance in continuous flexing applications. Allows the conductors to move freely within the jacket reducing conductor failure.

Reinforcing Aramid Braid Embedded in Jacket

Reinforced with an aramid fiber braid for an additional 1,800 lbs. of tensile strength for reeling applications.

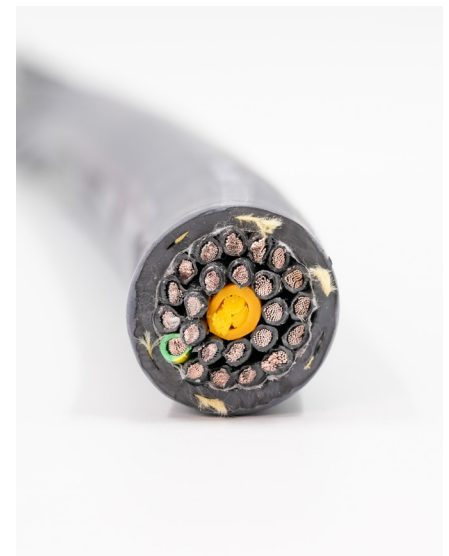
Specially Compounded Black TPE Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone and most chemicals.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

Part No.	Configuration AWG/Cond	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
621012	10/12	20	0.990	689	55010
621024	10/24	18	1.355	1350	55014
621206	12/6	24	0.655	276	55007
621208	12/8	21	0.743	363	55008
621212	12/12	15	0.818	459	55009
621214	12/14	15	0.855	521	55009
621220	12/20	15	1.039	768	55010
621224	12/24	13	1.158	930	55011
621237	12/37	12	1.367	1358	55014
621250	12/50	10	1.523	1731	55014
621408	14/8	17	0.678	270	55007
621410	14/10	12	0.766	346	55008
621412	14/12	12	0.744	333	55008
621416	14/16	12	0.812	420	55009
621424	14/24	11	1.048	675	55010
621437	14/37	9	1.235	959	55011
621606	16/6	14	0.496	140	55004
621608	16/8	13	0.564	185	55005
621612	16/12	9	0.681	256	55007
621616	16/16	9	0.741	319	55008
621620	16/20	9	0.808	389	55009
621624	16/24	8	0.899	467	55010
621637	16/37	7	1.092	724	55010



Notes

*Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 310.15(B)(16)

**Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.

Confirm NPT Fitting Size matches application.

***When installed in accordance with NEC guidelines sections, 501.140, 502.140, 503.140.

Reeling Cable

Super-Trex® 4-Conductor Aramid Reinforced Portable Power Reeling Cable

Super-Trex® 4-Conductor Aramid Reinforced Orange Portable Power Reeling Cable is an excellent cable for high tension reeling applications and is designed with an aramid center strength member providing up to 4,000 pounds of break strength. This Type W portable power cable features an integral filled, dual-layered fiber-reinforced jacket for added strength and resistance to twisting and pulling. The orange TSE jacket provides excellent protection against abrasion, impact and most industrial chemicals.



Ratings



2000V

Max Conductor Temperature 90°C

Type W

FT5 Flame Rating

Suitable for Class I, II, III, Division 1 & 2***

Performance Characteristics

✓ Extra Hard Usage ✓ UV Resistant ✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist



Flexing



Abrasion



Impact



Tension



Chemicals

Features & Benefits

Finely Stranded Tinned Copper Conductors

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Tinned conductors resist corrosion and are easier to solder.

Live-Flex & Fluid Resistant Ribbed EPR Insulation

Ribbed to help prevent kinking and breakage due to twisting and flexing. Resists effects of lubricating oils, coolants, cutting oils, acids, and most chemicals. Enhances tensile strength.

Jacketed Aramid Rope Braid Center Filler

Provides up to 4,000 lbs. of pull strength. Exceptional support in pulling, reeling, or pendant applications. Dramatically improves overall tensile strength, reducing conductor fatigue and maximizing cable life.

Polypropylene Cord Reinforcing Braid Embedded in Jacket

Provides added strength. Improve cable resistance to impact, abrasion, twisting, and pulling.

Specially Compounded Orange Double Pass TSE Jacket

Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, and most chemicals. Flame and heat resistant. Extreme all-weather flexibility.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

Part No.	Configuration AWG/Cond	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
85288	4/4	114	1.290	1,229	55011
85248	2/4	152	1.500	1,684	55014



Notes

*Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 400.5(A)(1).

**Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.

***When installed in accordance with NEC guidelines sections, 501.140, 502.140, 503.140.

Reeling Cable

Super-Trex® Multi-Conductor P&R Cable

Super-Trex® Multi-Conductor P&R Cable is designed specifically for payout and retractile (P&R) reeling applications. This P&R cable features our live-flex conductor insulation for increased flexibility and high dielectric, tensile and mechanical properties. A security yellow TSE dual-layer jacket provides protection against abuse tearing, abrasion, impact, oil, chemicals. This product is ideal for use in applications that see direct flame.



Ratings 600V Max Conductor Temperature 90°C Type TC-ER FT4 Flame Rating Suitable for Class I, II, Division 2***

Performance Characteristics ✓ UV Resistant ✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist Flexing Abrasion Impact Tension Chemicals

Features & Benefits

Finely Stranded Tinned Copper Conductors
Fine stranding improves flex-life and reduces conductor fatigue and breakage. Tinned conductors resist corrosion and are easier to solder.

Live-Flex XLPE Insulation System
Increases flexibility and provides high dielectric, tensile, and mechanical properties. Low coefficient of friction between conductors.

No-Wick Rayon-Reinforced Synthetic Fillers
Adds tensile strength. Improves flexibility and won't wick up liquids. Act like a shock absorber to reduce damage from impact.

Non-Woven Polyester Tape Separator
Improves flexibility, allows the conductor bundle to move easily within the jacket for longer flex life.

Nylon Reinforcing Braid Embedded Between Two-Layer Jacket
Provides added strength. Improves cable resistance to impact, abrasion, twisting, and pulling.

Specially Compounded Security Yellow TSE Jacket
Offers superior first-line defense against tearing, abrasion, impact, oil, ozone, and most chemicals. Flame and heat resistant. Extreme all-weather flexibility.

Ordering Information For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

Part No.	Configuration AWG/Cond	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
88820	16/6	14	0.540	210	55005
88822	16/8	12	0.605	247	55006
88823	16/10	9	0.680	287	55007
88824	16/12	9	0.695	326	55007
88825	16/16	9	0.745	372	55008
88826	16/20	9	0.805	450	55008
88827	16/24	8	0.885	497	55010
88828	16/33	7	0.980	708	55010
88829	16/36	7	1.010	722	55010
88830	16/41	6	1.070	833	55010
88811	14/7	17	0.625	276	55007
88812	14/8	17	0.660	305	55007
88813	14/10	12	0.745	365	55008
88814	14/12	12	0.760	411	55008
88815	14/16	12	0.820	499	55009
88816	14/20	12	0.890	586	55010
88817	14/24	11	0.965	680	55010
88800	12/6	24	0.640	334	55007
88802	12/8	21	0.720	402	55008
88804	12/12	15	0.830	549	55009
88806	12/20	15	0.975	822	55010
88808	12/30	13	1.155	1,157	55011
88832	10/6	32	0.760	439	55008
88834	10/8	28	0.860	554	55009
88836	10/12	20	0.990	768	55010



Notes
 *Based on an ambient temperature of 30°C and conductor temperature of 90°C per NEC, Table 3.10.15(B)(16).
 **Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required.
 Confirm NPT Fitting Size matches application.
 ***When installed in accordance with NEC guidelines sections, 501.140, 502.140, 503.140.