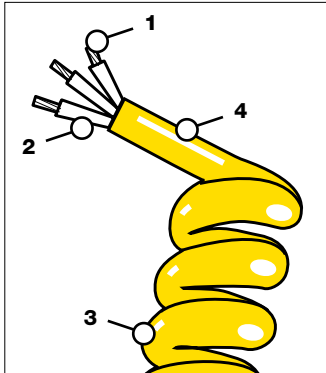


Trex-Onics® High-Flex Ultra-Coil Retractable

- UL Recognized in the U.S. & Canada
- CE
- RoHS Compliant
- 600 V
- Max Conductor Temp 90°C
- Cold Temp Rating -40°C
- Sunlight Resistant
- Oil Resistant



FEATURES & BENEFITS

- 1. TINNED CONDUCTORS** – Resists corrosion. Easier to solder.
- 2. OIL AND FLUID RESISTANT INSULATION** – Offers superior resistance to oil, solvents and chemicals. Provides high dielectric capability, mechanical strength and cut resistance.
- 3. SECURITY YELLOW HEAVY-DUTY POLYURETHANE TPE JACKET** – Excellent defense against cutting, abrasion, oil and chemicals. Designed for long term coil retention.
- 4. 12" OR 24" PIGTAIL LEADS ON BOTH ENDS** – Provides for easy termination without disrupting coil integrity. Pigtails are in addition to the coil length description.
- 5. UNIQUE CONSTRUCTION** – Provides for a very durable but light weight retractile design. Superior coil retention and “snappiness”.
- 6. PERFORMANCE DESIGNED** – For continuous cycle applications.
- 7. QUICK-CONNECT™ COMPATIBLE DESIGN** – Uniquely designed to allow TPC Molded Micro or Mini Quick-Connects in either 3 or 4 conductor configurations.

ORDERING INFORMATION (MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)

PART NO.	COND SIZE AWG/COND	CONDUCTOR STRANDING	AMPACITY ¹	COIL LENGTH (FT)	LEAD LENGTH (IN)	NOM. O.D. (IN)	COIL I.D. (IN)	COIL O.D. (IN)
60831	18/3	41X34	14	1-5	12	0.250	0.625	1.2
60832	18/3	41X34	14	2-10	12	0.250	0.625	1.2
60833	18/3	41X34	14	3-15	12	0.250	0.625	1.2
60834	18/3	41X34	14	4-20	12	0.250	0.625	1.2
60841	18/4	41X34	14	1-5	12	0.267	0.625	1.3
60842	18/4	41X34	14	2-10	12	0.267	0.625	1.3
60843	18/4	41X34	14	3-15	12	0.267	0.625	1.3
60844	18/4	41X34	14	4-20	12	0.267	0.625	1.3
60871	18/12	41X34	7	1-5	12	0.387	0.75	1.6
60872	18/12	41X34	7	2-10	12	0.387	0.75	1.6
60873	18/12	41X34	7	3-15	12	0.387	0.75	1.6
60874	18/12	41X34	7	4-20	12	0.387	0.75	1.6
60631	16/3	65X34	18	1-5	12	0.275	0.625	1.3
60632	16/3	65X34	18	2-10	12	0.275	0.625	1.3
60633	16/3	65X34	18	3-15	12	0.275	0.625	1.3
60634	16/3	65X34	18	4-20	12	0.275	0.625	1.3
60641	16/4	65X34	18	1-5	12	0.296	0.625	1.4
60642	16/4	65X34	18	2-10	12	0.296	0.625	1.4
60643	16/4	65X34	18	3-15	12	0.296	0.625	1.4
60644	16/4	65X34	18	4-20	12	0.296	0.625	1.4
60681	16/8	65X34	11	1-5	24	0.402	0.75	1.75
60682	16/8	65X34	11	2-10	24	0.402	0.75	1.75
60683	16/8	65X34	11	3-15	24	0.402	0.75	1.75
60684	16/8	65X34	11	4-20	24	0.402	0.75	1.75
60441	14/4	105X34	25	1-5	24	0.344	0.625	1.55
60442	14/4	105X34	25	2-10	24	0.344	0.625	1.55
60443	14/4	105X34	25	3-15	24	0.344	0.625	1.55
60444	14/4	105X34	25	4-20	24	0.344	0.625	1.55
60241	12/4	168X34	30	1-5	24	0.417	0.75	1.8
60242	12/4	168X34	30	2-10	24	0.417	0.75	1.8
60243	12/4	168X34	30	3-15	24	0.417	0.75	1.8
60244	12/4	168X34	30	4-20	24	0.417	0.75	1.8

NOTE: (1) Based on a conductor temperature of 90°C, ambient temperature of 30°C, not more than three current carrying conductors, NEC Table 310.15(B)(16). Adjustments for more than three current carrying conductors per NEC Table 310.15(B)(3)(a).

Portable Cords
 Power Cables (600 Volt to 35 kV)
 Welding Cables
 VFD/Servo Motor Cables
 Reeling Cables
 Control Cables/Instrumentation
 Bus Cables
 Flat Festoon Cables
 Retractable Coil Cables
 Chemical & Temp. Resistant Cables
 High Temperature Cables
 Igniter Cables
 Thermocouple Extension Wires
 Engineered Custom Cables

Trex-Onics® High-Flex Ultra-Coil Retractable *(Continued)*

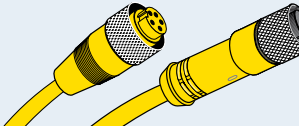
Trex-Onics® High-Flex Ultra Coil Retractable exhibit a unique design that provides a very durable yet lightweight retractile cable while preserving superior coil retention and “snapiness”. A heavy-duty yellow polyurethane TPE jacket protects against cutting, abrasion, oil and chemicals. Available as Mini or Micro cordsets.

APPLICATIONS

- Fork Lifts
- Overhead Doors
- Portable Tools
- Packaging Equipment
- Portable Conveyors
- Presses
- Robots
- Slide Tables

COLOR CODE	
PAIR NO.	COLOR
1	Black
2.	White
3.	Green
4.	Red
5.	Orange
6.	Yellow
7.	Blue
8.	Brown
9.	Violet
10.	Gray
11.	White/Black
12	White/Red

ADD A TREX-ONICS® QUICK-CONNECT™ TO COMPLETE YOUR ORDER!



CHEMICAL RESISTANCE OF COMMON INSULATING MATERIALS

CHEMICAL	RUBBER	SILICONE	FLUOROPOLYMER
OXIDATION RESISTANCE	FAIR	EXCELLENT	OUTSTANDING
OIL RESISTANCE	POOR	FAIR-GOOD	OUTSTANDING
UV RESISTANCE	FAIR	OUTSTANDING	OUTSTANDING
WATER RESISTANCE	GOOD	GOOD-EXCELLENT	EXCELLENT
ACID RESISTANCE	FAIR-GOOD	FAIR-GOOD	EXCELLENT
ALKALI RESISTANCE	FAIR-GOOD	FAIR-GOOD	EXCELLENT
GASOLINE KEROSENE	POOR	POOR-FAIR	EXCELLENT
BENZOL TOLUENE	POOR	POOR	EXCELLENT
DEGREASER SOLVENT	POOR	POOR-GOOD	EXCELLENT
ALCOHOL RESISTANCE	GOOD	GOOD	EXCELLENT

TREX-ONICS® JACKET CHEMICAL RESISTANCE

ACIDS

Acetic, 5%	Good
Formic, 20%	Variable
Hydrochloric, 10%	Fair
Olcic.....	Fair-Good
Sulfuric, 20%	Fair

ALCOHOLS

Ethanol.....	Variable
Isopropanol.....	Fair-Poor
Isopropanol, 50%	Fair-Poor
Methanol.....	Variable

ALKALI

Sodium Hydroxide, 20%	Fair
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ORGANICS

Acetone	Poor
ASTM Fuel A.....	Good
ASTM Fuel B.....	Fair
ASTM Fuel C.....	Fair-Variable
ASTM Fuel #1	Good
ASTM Fuel #2	Good
ASTM Fuel #3	Good-Fair
Benzene.....	Variable
Brake Fluid Type A.....	Variable
Brake Fluid (H.D.).....	Fair-Good
Butane	Good
Carbon Tetrachloride.....	Variable
Cyclohexanone	NR
Dimethyl Formamid.....	NR
Dimethyl Sulfoxide	NR
I, 4-Dioxane	NR
Dioctyl Phthalate.....	Fair
Ethyl Ether.....	Fair-Good

ORGANICS (continued)

Ethylene Glycol	Good
Ethylene Glycol 50% Water	Good
Gasoline, 100 Octane.....	Fair
HexaneFair-Good	
Kerosene	Good
Methylene Chloride.....	Variable
Methyl Ethyl Keytone	Variable
N-Methyl-2-Pyrrolidene	NR
Oil, Texas Crude	Fair-Good
Oil, Detergent 20W	Good
Oil, Non-Detergent 20W	Good
Oil, Skydrol Type B	NR
Oil, Skydrol Type 500A	Fair-Variable
Oil, Skydrol Type 500B	Fair-Variable
Oil, Transmission Type A	Good
Perchloroethylene	Variable
Pyridine.....	NR
Tertrahydrofuran	NR
Toluene	Variable
Trichloroethylene.....	Variable
Turpentine.....	Good

MISCELLANEOUS

Chlorox (5%)	Good
Calcium Chloride Saturated Solution.....	Good
FREON-113	Variable
FREON-11B.....	Variable
FREON-112	Good
Hydrogen Disulfide (5%)	Excellent
Sodium Chloride Saturated Solution	Good
Synthetic Perspiration.....	Good
Tide (1%)	Good
Water	Good

CODING

- EXCELLENT** — Little or no change in constant exposure — application is recommended.
- GOOD** — Only slight loss in properties on constant exposure — application is recommended.
- FAIR** — Some swelling could occur in constant exposure but recommended for infrequent contact.
- VARIABLE** — In constant exposure not recommended. Infrequent contact recommended.
- NR** — Not recommended, product could deteriorate in moderate exposure.

Portable Cords
 Power Cables (600 Volt to 35 KV)
 Welding Cables
 VFD/Servo Motor Cables
 Reeling Cables
 Control Cables/Instrumentation
 Bus Cables
 Flat Fastoon Cables
 Retractable Coil Cables
 Chemical & Temp. Resistant Cables
 High Temperature Cables
 Igniter Cables
 Thermocouple Extension Wires
 Engineered Custom Cables