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Features

- Bulk Wiring Control Cable
- Spooled in 30 m, 100 m, or 200 m lengths in self-feeding packages
- PUR, PVC, TPE, CPE jacket material to choose from
- PLTC rated cables, high flex and more



reelfast® Bulk Cable

We offer spooled cable in 30, 100 or 200 Meter lengths in self-feeding packages. All of our cordset pages have RF#'s in the specifications column which indicate the cable part number for the cable used in each cordset.

For example: RF04159-*M. Use this index to find the page number for detailed information on your cordset cable or turn to pages X4 - X6 for "Quick Selection Guides" to select the right cable for your application.

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RF20003-*M X7	RF50598-*M X10	RF50735-*M X18	RF50941-*M X24
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RF50531-*M X9	RF50625-*M X15	RF50805-*M X10	RF50988-*M X14
RF50532-*M X17	RF50626-*M X9	RF50810-*M X17	RF50990-*M X19
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RF50586-*M X18	RF50718-*M X19	RF50923-*M X18	RF51040-*M X7
RF50587-*M X17	RF50723-*M X20	RF50926-*M X20	RF51041-*M X7
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RF50595-*M X21	RF50729-*M X10	RF50935-*M X20	RF51043-*M X7

* Length in meters. Standard lengths are 30, 100 and 200 Meters.
Please consult factory for cables not listed.

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* Length in meters. Standard lengths are 30, 100 and 200 Meters. Please consult factory for cables not listed.

Cable Selection Criteria (See pages X4 - X6 for Quick Selection Guides)

Ozone and UV resistance: Important consideration for cordsets being used outdoors.

Temperature: The range at which the cable can be used without degradation.

Cold Bend Test: The temperatures that still allow moderate flexing of cable without damage.

Abrasion Resistance: An important consideration if cable will be exposed to constant rubbing or a high probability of being cut by sharp objects.

Tensile Strength: Indicates how much force it takes to break insulation.

Burn Resistance: General information on how a cable would hold up when exposed to a flame or other hot material (weld slag).

Water Resistance: Important consideration if cable will be exposed to moisture, submersed or splashed

Cost: The relative cost of the cable, compared to other cables in this matrix.

Chemical Resistance: This is a general guide only. Please consult factory for specific chemical compatibility questions.

Standard Cable Selection Guide

Selection Criteria	PVC <i>flexlife</i> [®]	TPU <i>flexlife</i> (S90)	CPE Rubber <i>flexlife</i> (S600)	<i>weldlife</i> (S1587)	<i>flexlife-20</i> [®] TPE (S101)	<i>flexlife-20</i> TPU(S90/S101)
Page Number	X7 - X16	X17 - X19	X21	X23	X24 - X25	X20
Ozone and UV resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Temperatures	-40° to 105°C	-40° to 90°C	-50° to 105°C	-60° to 105°C	-60° to 105°C	-40° to 90°C
Cold Bend test	-40°C	-40°C	-55°C	-60°C	-60°C	-40°C
Abrasion & Cut-through resistance	Fair	Excellent	Excellent	Good	Good	Excellent
Flexing (# of cycles)	2 million	2 million	2 million	2 million	20 million+	20 million+
Burn resistance	Good	Excellent	Excellent	Good	Good	Excellent
Oxidation resistance	Excellent	Excellent	Good	Excellent	Excellent	Excellent
Water resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Cost	\$	\$\$	\$\$\$	\$\$	\$\$	\$\$
Weld Slag resistance	Poor	Good	Excellent	Excellent	Excellent	Good
Flame Test						
UL Test standards	Horizontal	Vertical Tray	Horizontal	Horizontal/Vertical Tray	Horizontal/Vertical Tray	Vertical Tray
CSA Test standards	FT1	FT4	FT1	FT1/FT4	FT1/FT4	FT4
Chemical Resistance						
Acids	Fair/Good	Good	Excellent	Good	Good	Good
Alkalines	Good	Excellent	Excellent	Excellent	Excellent	Excellent
Alcohols	Poor/Fair	Poor/Fair	Excellent	Excellent	Excellent	Poor/Fair
Most Solvents	Poor/Fair	Poor	Good	Poor	Poor	Poor
Oils	Good	Excellent	Excellent	Good	Excellent	Excellent
Gasoline	Poor	Poor	Poor	Poor	Poor	Poor
Greases	Good	Excellent	Excellent	Poor	Poor	Excellent
Available in Cordsets						
<i>eurofast</i> [®]	X	X	X	X	X	
<i>picofast</i> [®]	X	X		X	X	X
<i>minifast</i> [®]	X	X	X	X	X	
<i>microfast</i> [®]	X	X	X	X		
<i>multifast</i> [®]	X	X		X	X	X
<i>V*fast</i> [®]	X	X	X	X		

Specialty Cable Selection Guide

Selection Criteria	Armorfast MC/ITC	† ITC/PLTC PVC	† ITC/PLTC TPU	"Super Cable" S529	XOR	ITC/PLTC ER/DB PVC	ITC/PLTC ER/DB TPE
Page Number	X7	X7 - X16	X17 - X19	X25	X22		
Ozone and UV resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Temperatures	-25° to 105°C	-30° to 105°C	-60° to 105°C	-60° to 90°C	-40° to 80°C	-40° to 105°C	-60° to 105°C
Cold Bend test	-25°C	-30°C	-60°C	-60°C	-40°C	-40°C	-60°C
Abrasion & Cut-through resistance	Fair	Fair	Excellent	Excellent	Fair	Good	Very Good
Flexing (# of cycles)	2 million	2 million	2 million	2 million	2 million	2 million	2 million
Burn resistance	Fair/Good	Excellent	Excellent	Excellent	Good	Excellent	Excellent
Oxidation resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Water resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Cost	\$	\$	\$\$	\$\$	\$\$	\$\$	\$\$
Weld Slag resistance	Poor	Good	Good	Good	Excellent +250°C Short-term	Poor	Excellent
Flame Test							
UL Test standards	Vertical Tray	Vertical Tray	Vertical Tray	Horizontal	N/A	Vertical Tray	Vertical Tray
CSA Test standards	FT4	FT 4	FT4	FT1	N/A	FT4	FT4
IEC Test Standards	60332-3 Cat. A	60332-3 Cat. A	60332-3 Cat. A				
IEEE Test Standards	1202	1202	1202			1202	1202
Chemical Resistance							
Acids	Fair/Good	Fair/Good	Good	Good	Fair/Good	Fair/Good	Good
Alkalines	Good	Good	Excellent	Excellent	Good	Good	Excellent
Alcohols	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair	Excellent
Most Solvents	Poor/Fair	Poor/Fair	Poor	Poor	Poor/Fair	Poor/Fair	Poor
Oils	Good	Good	Excellent	Excellent	Good	Good	Good
Gasoline	Poor	Poor	Poor	Poor	Poor	Poor	Poor
Greases	Good	Good	Excellent	Excellent	Good	Good	Poor
Available in Cordsets							
<i>eurofast</i> ®	X	X	X	X	X	X	X
<i>picofast</i> ®			X				
<i>minifast</i> ®	X	X	X			X	X
<i>microfast</i> ®			X				
<i>multifast</i> ®		X	X			X	
<i>V*fast</i> ®			X				

† ITC/PLTC ratings found under "Type" column of PVC or PUR *reelfast*® cable tables.

Shielded Cable Selection Guide

Selection Criteria	PVC Braided	PVC Braided & Foil	PVC Foil	TPU Braided	TPU Braided & Foil	TPU Foil
Ozone and UV resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Temperatures	-40° to 105°C	-40° to 105°C	-40° to 105°C	-40° to 90°C	-40° to 90°C	-40° to 90°C
Cold Bend test	-40°C	-40°C	-40°C	-40°C	-40°C	-40°C
Abrasion & Cut-through resistance	Fair	Fair	Fair	Excellent	Excellent	Excellent
Flexing (# of cycles)	2 million	2 million	2 million	2 million	2 million	2 million
Burn resistance	Fair/Good	Fair/Good	Fair/Good	Good	Good	Good
Oxidation resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Water resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Cost	\$\$	\$\$	\$\$	\$\$\$	\$\$\$	\$\$
Flame Test						
UL Test standards	Horizontal	Horizontal	Horizontal	Vertical Tray	Vertical Tray	Vertical Tray
CSA Test standards	FT 1	FT 1	FT 1	FT 4	FT 4	FT 4
Chemical Resistance						
Acids	Fair/Good	Fair/Good	Fair/Good	Good	Good	Good
Alkalines	Good	Good	Good	Excellent	Excellent	Excellent
Alcohols	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair	Poor/Fair
Most Solvents	Poor/Fair	Poor/Fair	Poor/Fair	Poor	Poor	Poor
Oils	Good	Good	Good	Excellent	Excellent	Excellent
Gasoline	Poor	Poor	Poor	Poor	Poor	Poor
Greases	Good	Good	Good	Excellent	Excellent	Excellent
Available in Cordsets						
<i>eurofast</i> [®]	X	X	X	X	X	X
<i>picofast</i> [®]	X	X			X	X
<i>minifast</i> [®]	X	X		X	X	X
<i>microfast</i> [®]	X	X		X	X	X
<i>multifast</i> [®]	X	X			X	X
<i>V*fast</i> [®]	X	X			X	X

Note: Braid and foil information can be found under the "shield" column in *reelfast*[®] cable tables.

Armorfast

The ultimate extreme condition cordsets with interlocking aluminum armor and oil/UV resistant PVC cable jackets. Available with 5-6 conductors 18 AWG MC or 2-4 conductors 18 AWG MC/ITC/PLTC rated. Ideal for cable trays, direct burial riser/rafter installations and as an alternative to conduit wiring.

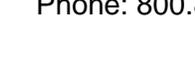
ARMOR Cable	No. Of Condi.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	2	18	13.5 mm OD, PVC, ARMOR, Ye 300 V	RF51039-30M RF51039-100M RF51039-200M	10 33 66	WH, BK		•	•	ITC/PLTC UL 1569 MC		105° -25°
	3	18	13.5 mm OD, PVC, ARMOR, Ye 300 V	RF51040-30M RF51040-100M RF51040-200M	11 34 68	WH, GN, BK		•	•	ITC/PLTC UL 1569 MC		105° -25°
	4	18	13.5 mm OD, PVC, ARMOR, Ye 300 V	RF51041-30M RF51041-100M RF51041-200M	11 36 71	GN, BK, WH, RD		•	•	ITC/PLTC UL 1569 MC		105° -25°
	5	18	14.9 mm OD, PVC, ARMOR, Ye 600 V	RF51042-30M RF51042-100M RF51042-200M	9 28 56	WH, OG, BK, GN, RD		•		ITC/PLTC UL 1569 MC		90° -25°
	6	18	14.9 mm OD, PVC, ARMOR, Ye 600 V	RF51043-30M RF51043-100M RF51043-200M	10 32 64	BK, WH, RD, OG, BU, GN		•		UL 1569 MC		90° -25°

PVC flexlife®

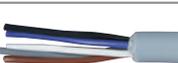
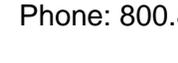
PVC (Polyvinyl Chloride) **flexlife** is TURCK's standard cable and is superior to other PVC cables on the market. Special additives give our PVC cables excellent resistance to oils, ozone, acids, alkalis, alcohols, greases, waxes and most solvents. TURCK PVC cable is rated for weather and atmosphere to UL 62 for UV resistance, and for temperatures up to 105°C (+221°F). PVC is a cost effective standard duty cable well suited to most environments, and has a **flexlife** rating of over 2 million cycles.

PVC Cable	No. Of Condi.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	2	16	10.4 mm OD, PVC, YE, 600 V	RF50561-30M RF50561-100M RF50561-200M	10 31 61	WH, BK		•	•	STOW	•	105° -40°
	2	18	7.2 mm OD, PVC, BU, 300 V	RF50843-30M RF50843-100M RF50843-200M	3 8 16	BN, BU		•	•	AWM 2517	•	105° -40°
	2	18	7.2 mm OD, PVC, YE, 300 V	RF50511-30M RF50511-100M RF50511-200M	5 16 32	BN, BU		•	•	AWM 2517	•	105° -40°
	2	20	5.1 mm OD, PVC, GY, 300 V	RF50529-30M RF50529-100M RF50529-200M	3 9 17	BN, BU		•	•	AWM 2517	•	105° -40°
	2	20	5.1 mm OD, PVC, BU, 300 V	RF20003-30M RF20003-100M RF20003-200M	3 10 19	BN, BU		•	•	AWM 2517	•	105° -40°
	2	22	5.1 mm OD, PVC, YE, 300 V	RF50650-30M RF50650-100M RF50650-200M	3 8 15	WH, BK		•	•	AWM 2517	•	105° -40°

PVC Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	3	10	17.7 mm OD, PVC, BK, 600 V	RF51667-30M RF51667-100M RF51667-200M	32 107 212	BK, GN, WH		•	•	STOOW, TC-ER		90° -40°
	3	12	16.3 mm OD, PVC, BK, 600 V	RF51669-30M RF51669-100M RF51669-200M	30 100 200	BK, GN, WH		•	•	STOOW, TC-ER		90° -40°
	3	14	14.2 mm OD, PVC, BK, 600 V	RF51671-30M RF51671-100M RF51671-200M	27 90 180	BK, GN, WH		•	•	STOOW, TC-ER		90° -40°
	3	14	9.6 mm OD, PVC, BK, 600 V	RF51198-30M RF51198-100M RF51198-200M	11 36 72	WH, GN, BK		•	•	TC-ER		90° -40°
	3	22	5.2 mm OD, PVC, GY, 240 V	RF04106-30M RF04106-100M RF04106-200M	3 9 18	BK, BU, BN						80° -40°
	3	16	10.4 mm OD, PVC, YE, 600 V	RF50536-30M RF50536-100M RF50536-200M	10 33 66	GN, BK, WH		•	•	STOW	•	105° -40°
	3	16	10.4 mm OD, PVC, YE, 600 V	RF50537-30M RF50537-100M RF50537-200M	10 33 66	GN, RD/BK, RD/WH		•	•	STOW	•	105° -40°
	3	16	10.4 mm OD, PVC, GY, 600 V	RF50679-30M RF50679-100M RF50679-200M	10 33 66	GN, BK, WH		•	•	STOW		105° -40°
	3	18	7.2 mm OD, PVC, YE, 300 V	RF50512-30M RF50512-100M RF50512-200M	2 6 11	BN, BU, GN/YE		•	•	AWM 2517	•	105° -40°
	3	18	7.2 mm OD, PVC, YE, 300 V	RF50513-30M RF50513-100M RF50513-200M	6 18 36	BN, BU, BK		•	•	ITC/PLTC AWM 2517	•	105° -30°
	3	18	7.2 mm OD, PVC, YE, 300 V	RF50520-30M RF50520-100M RF50520-200M	3 18 36	RD/BK, RD/WH, GN		•	•	AWM 2517	•	105° -40°
	3	18	5.7 mm OD, PVC, YE, 300 V	RF50566-30M RF50566-100M RF50566-200M	4 12 24	RD/WH, RD/BK, GN		•	•	AWM 2517		105° -40°
	3	18	5.7 mm OD, PVC, GY, 300 V	RF50567-30M RF50567-100M RF50567-200M	4 12 24	BN, BU, BK		•	•	AWM 2517		105° -40°
	3	18	5.7 mm OD, PVC, YE, 300 V	RF50571-30M RF50571-100M RF50571-200M	4 12 24	BN, BU, BK		•	•	AWM 2517		105° -40°
	3	18	6.2 mm OD, PVC, GY, 300 V	RF50653-30M RF50653-100M RF50653-200M	5 14 28	BK-1, BK-2, GN/YE		•	•	ITC/PLTC AWM 2517		105° -30°
	3	18	7.2 mm OD, PVC, BK, 300 V	RF50817-30M RF50817-100M RF50817-200M	6 18 36	RD/BK, RD/WH, GN		•	•	AWM 2517	•	105° -40°
	3	20	5.1 mm OD, PVC, GY, 300 V	RF20017-30M RF20017-100M RF20017-200M	3 9 18	BN, BU, GN/YE		•	•	AWM 2517		105° -40°
	3	18	7.2 mm OD, PVC, YE, 300 V	RF50828-30M RF50828-100M RF50828-200M	6 18 35	BN, BU, BK		•	•	PLTC AWM 2517		105° -30°
	3	18	7.2 mm OD, PVC, YE, 300 V	RF50880-30M RF50880-100M RF50880-200M	6 18 35	BN, BU, GN/YE		•	•	ITC/PLTC AWM 2517		105° -30°
	3	20	5.1 mm OD, PVC, GY, 300 V	RF50528-30M RF50528-100M RF50528-200M	3 10 19	BN, BU, BK		•	•	AWM 2517		105° -40°

PVC Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	3	20	5.1 mm OD, PVC, YE, 300 V	RF50674-30M RF50674-100M RF50674-200M	3 10 19	BN, BU, BK		•	•	AWM 2517		105° -40°
	3	20	5.1 mm OD, PVC, BK, 300 V	RF50795-30M RF50795-100M RF50795-200M	3 10 29	BN, BU, BK		•	•	AWM 2517		105° -40°
	3	20	5.1 mm OD, PVC, GY, 300 V	RF50829-30M RF50829-100M RF50829-200M	3 10 19	BN, BU, BK		•	•	PLTC AWM 2517		105° -30°
	3	20	5.7 mm OD, PVC, GY, 300 V	RF50611-30M RF50611-100M RF50611-200M	4 10 20	BU, BK, BN, Drain (22)	Foil/Drain	•	•	ITC/PLTC AWM 2517		105° -30°
	3	22	5.7 mm OD, PVC, YE, 300 V	RF50535-30M RF50535-100M RF50535-200M	4 12 23	GN, RD/BK, RD/WH	Braid	•	•	AWM 20838		105° -40°
	3	22	5.1 mm OD, PVC, YE, 300 V	RF50531-30M RF50531-100M RF50531-200M	3 9 18	GN, RD/BK, RD/WH		•	•	AWM 2517	•	105° -40°
	3	24	4.4 mm OD, PVC, BK, 300 V	RF50585-30M RF50585-100M RF50585-200M	2 7 13	BN, BU, BK		•	•	AWM 2517	•	105° -40°
	3	24	4.4 mm OD, PVC, YE, 300 V	RF50642-30M RF50642-100M RF50642-200M	2 7 13	BN, BU, BK		•	•	AWM 2517	•	105° -40°
	3	24	4.4 mm OD, PVC, GY, 300 V	RF50752-30M RF50752-100M RF50752-200M	2 7 13	BN, BU, BK		•	•	AWM 2517		105° -40°
	3	24	4.4 mm OD, PVC, YE, 300 V	RF50882-30M RF50882-100M RF50882-200M	2 7 13	BN, BU, BK		•	•	AWM 2517 CL2		105° -30°
	3	24	3.8 mm OD, PVC, YE, 300 V	RF51253-30M RF51253-100M RF51253-200M	2 6 11	BN, BK, BU		•	•	AWM 2517		105° -40°
	4	8	18.8 mm OD, PVC, YE, 600 V	RF51279-30M RF51279-100M RF51279-200M	29 96 192	RD, GN, BK, WH		•	•	AWM 2839, TC-ER		90° -40°
	4	8	20 mm OD, PVC, YE, 600 V	RF51313-30M RF51313-100M RF51313-200M	30 100 200	WH, BK, RD, GN	Braid	•	•	AWM 2839 TC-ER		90° -40°
	4	10	19.2 mm OD, PVC, BK, 600 V	RF51666-30M RF51666-100M RF51666-200M	37 123 247	BK, GN, RD, WH		•	•	STOOW, TC-ER		90° -40°
	4	12	17.7 mm OD, PVC, BK, 600 V	RF51668-30M RF51668-100M RF51668-200M	32 107 212	BK, GN, RD, WH		•	•	STOOW, TC-ER		90° -40°
	4	14	15.4 mm OD, PVC, BK, 600 V	RF51672-30M RF51672-100M RF51672-200M	26 87 173	BK, GN, RD, WH		•	•	STOOW, TC-ER		90° -40°
	4	14	10 mm OD, PVC, BK, 600 V	RF51193-30M RF51193-100M RF51193-200M	11 36 72	WH, GN, BK, RD		•	•	AWM 2839 TC-ER		90° -40°
	4	16	9.6 mm OD, PVC, YE, 600 V	RF51220-30M RF51220-100M RF51220-200M	11 36 72	RD, WH, BK, GN		•	•	AWM 2586 TC-ER		105° -40°
	4	16	11 mm OD, PVC, YE, 600 V	RF50538-30M RF50538-100M RF50538-200M	12 39 77	BK, WH, RD, GN		•	•	STOW	•	105° -40°
	4	16	11 mm OD, PVC, YE, 600 V	RF50626-30M RF50626-100M RF50626-200M	12 39 77	BK, BU, BN, WH		•	•	STOW	•	105° -40°
	4	18	7.2 mm OD, PVC, YE, 300 V	RF50548-30M RF50548-100M RF50548-200M	6 18 36	BK, BU, BN, WH		•	•	AWM 2517	•	105° -40°

PVC Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	4	18	7.2 mm OD, PVC, YE, 300 V	RF50579-30M RF50579-100M RF50579-200M	6 18 36	BK, BU, WH, BN		•	•	AWM 2517	•	105° -40°
	4	18	7.2 mm OD, PVC, GY, 300 V	RF50580-30M RF50580-100M RF50580-200M	6 18 36	BK, BU, WH, BN		•	•	AWM 2517	•	105° -40°
	4	18	7.2 mm OD, PVC, BK, 300 V	RF50816-30M RF50816-100M RF50816-200M	6 18 36	BK, BU, BN, WH		•	•	AWM 2517	•	105° -40°
	4	18	7.2 mm OD, PVC, YE, 600 V	RF50844-30M RF50844-100M RF50844-200M	6 17 34	BK, BU, WH, BN		•	•	ITC/PLTC AWM 2586		105° -30°
	4	24	3.8 mm OD, PVC, YE, 300 V	RF51255-30M RF51255-100M RF51255-200M	2 6 11	BN, BK, BU, WH		•	•	AWM 2103		105° -40°
	4	26	4.4 mm OD, PVC, BK, 300V	RF50870-30M RF50870-100M RF50870-200M	3 9 17	BN, WH, BU, BK		•	•	AWM 2517		105° -40°
	4	22	5.7 mm OD, PVC, YE, 300 V	RF50656-30M RF50656-100M RF50656-200M	4 13 25	GN, RD, RD/BK, RD/WH	Braid	•	•	AWM 20838		105° -40°
	4	22	5.1 mm OD, PVC, GY, 300 V	RF50773-30M RF50773-100M RF50773-200M	3 9 18	WH, BK, BN, BU, Drain (22)	Foil Drain	•	•	ITC/PLTC AWM 2517		105° -30°
	4	22	5.1 mm OD, PVC, GY, 300 V	RF50577-30M RF50577-100M RF50577-200M	3 9 18	BN, WH, BU, BK, Drain (22)	Foil/Drain	•	•	AWM 2517		105° -40°
	4	22	5.1 mm OD, PVC, BK, 300 V	RF50805-30M RF50805-100M RF50805-200M	3 9 18	BN, WH, BU, BK, Drain (22)	Foil/Drain	•	•	AWM 2517		105° -40°
	4	22	7.2 mm OD, PVC, GY, 300 V	RF50729-30M RF50729-100M RF50729-200M	5 17 33	BN, WH, BU, BK, Drain (22)	Foil/Drain Braid	•	•	AWM 2517		105° -40°
	4	22	7.2 mm OD, PVC, GY, 300 V	RF50823-30M RF50823-100M RF50823-200M	5 17 33	BN, WH, BU, BK, Drain (22)	Foil/Drain Braid	•	•	ITC/PLTC AWM 2517		105° -30°
	4	22	5.1 mm OD, PVC, GY, 300 V	RF50516-30M RF50516-100M RF50516-200M	3 9 18	BN, WH, BU, BK		•	•	AWM 2517	•	105° -40°
	4	22	5.1 mm OD, PVC, YE, 300 V	RF50530-30M RF50530-100M RF50530-200M	3 9 18	BN, WH, BU, BK		•	•	AWM 2517	•	105° -40°
	4	22	5.7 mm OD, PVC, YE, 300 V	RF50555-30M RF50555-100M RF50555-200M	4 11 22	RD/BK, RD/WH, RD, GN		•	•	AWM 2517	•	105° -40°
	4	22	5.1 mm OD, PVC, BU, 300 V	RF50598-30M RF50598-100M RF50598-200M	3 9 18	BN, WH, BU, BK		•	•	AWM 2517	•	105° -40°
	4	22	5.3 mm OD, PVC, GY, 300 V	RF50698-30M RF50698-100M RF50698-200M	3 9 18	BN, WH, BU, BK		•	•	ITC/PLTC AWM 2517		105° -30°
	4	22	5.7 mm OD, PVC, GY, 600 V	RF50914-30M RF50914-100M RF50914-200M	3 10 20	BN, WH, BU, BK		•	•	AWM 2586		105° -40°
	4	22	5.2 mm OD, PVC, BK, 300 V	RF50983-30M RF50983-100M RF50983-200M	3 9 18	BN, WH, BU, BK		•	•	AWM 2517	•	105° -40°
	4	24	4.4 mm OD, PVC, YE, 300 V	RF50822-30M RF50822-100M RF50822-200M	2 7 14	BN, WH, BU, BK		•	•	AWM 2517 CL2		105° -30°
	4	26	3.2 mm OD, PVC, BK, 300 V	RF50590-30M RF50590-100M RF50590-200M	1 4 7	WH, BN, BU, BK						105° -40°

PVC Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	4	26	4.4 mm OD, PVC, YE, 300 V	RF50697-30M RF50697-100M RF50697-200M	2 6 12	BN, WH, BU, BK		•	•	AWM 2517		105° -40°
	5	16	13.2 mm OD, PVC, YE, 600 V	RF50539-30M RF50539-100M RF50539-200M	17 55 110	WH, RD, GN, OG, BK		•	•	STOW	•	105° -40°
	5	16	13.2 mm OD, PVC, YE, 600 V	RF50540-30M RF50540-100M RF50540-200M	17 56 110	RD/BK, RD/WH, RD/BU, GN, RD/OG		•	•	STOW	•	105° -40°
	5	16	13.2 mm OD, PVC, GY, 600 V	RF50680-30M RF50680-100M RF50680-200M	17 54 108	BK, WH, RD, GN, OG		•	•	STOW		105° -40°
	5	18	7.2 mm OD, PVC, YE, 300 V	RF50521-30M RF50521-100M RF50521-200M	6 19 38	RD/BU, GN, RD/OG, RD/BK, RD/WH		•	•	AWM 2517		105° -40°
	5	18	7.2 mm OD, PVC, YE, 300 V	RF50549-30M RF50549-100M RF50549-200M	6 20 39	BK, BU, GN/YE, BN, WH		•	•	AWM 2517	•	105° -40°
	5	18	7.2 mm OD, PVC, GY, 300 V	RF50630-30M RF50630-100M RF50630-200M	6 20 39	BK, BU, GN/YE, BN, WH		•	•	AWM 2517	•	105° -40°
	5	18	7.2 mm OD, PVC, YE, 300 V	RF50578-30M RF50578-100M RF50578-200M	6 19 38	BK, BU, YE, BN, WH		•	•	AWM 2517	•	105° -40°
	5	18	7.0 mm OD, PVC, YE, 300 V	RF51084-30M RF51084-100M RF51084-200M	6 20 40	BN, BK, WH, GY, BU		•	•	AWM 2517		105° -40°
	5	20 22	5.7 mm OD, PVC, GY, 300 V	RF50563-30M RF50563-100M RF50563-200M	4 11 21	22 = BU, BN, WH, BK 20 = GN/YE		•	•	AWM 2517	•	105° -40°
	5	22	5.7 mm OD, PVC, GY, 300 V	RF50609-30M RF50609-100M RF50609-200M	4 11 22	GY, BN, WH, BK, BU, Drain (24)	Foil/Drain	•	•	AWM 2517		105° -40°
	5	22	6.6 mm OD, PVC, GY, 600 V	RF50713-30M RF50713-100M RF50713-200M	6 18 36	BN, WH, BU, BK, GY, Drain (24)	Foil/Drain Braid	•	•	ITC/PLTC AWM 2586		105° -30°
	5	22	5.7 mm OD, PVC, GY, 300 V	RF50543-30M RF50543-100M RF50543-200M	4 11 22	GY, BN, WH, BU, BK		•	•	AWM 2517	•	105° -40°
	5	22	5.7 mm OD, PVC, YE, 300 V	RF50556-30M RF50556-100M RF50556-200M	4 11 22	RD/BK, RD/WH, RD, GN, RD/YE		•	•	AWM 2517	•	105° -40°
	5	22	5.7 mm OD, PVC, YE, 300 V	RF50684-30M RF50684-100M RF50684-200M	4 11 22	BN, WH, GY, BK, BU		•	•	AWM 2517	•	105° -40°
	5	22	6.9 mm OD, PVC, BU, 300 V	RF50767-30M RF50767-100M RF50767-200M	5 15 29	WH, BK, GN, RD, OG		•	•	ITC/PLTC AWM2517		105° -30°
	5	22	5.7 mm OD, PVC, BK, 300 V	RF50982-30M RF50982-100M RF50982-200M	4 11 22	GN, BN, WH, BU, BK		•	•	AWM 2517	•	105° -40°
	6	12	17.7 mm OD, PVC, YE, 600 V	RF51059-30M RF51059-100M RF51059-200M	18 59 117	BK, RD, BU, OG, YE, BN		•	•	AWM 2839 TC-ER		90° -40°
	6	12	15.5 mm OD, PVC, YE, 600 V	RF51286-30M RF51286-100M RF51286-200M	25 83 165	BU, RD, GN, BN, OG, YE	Braid	•	•	AWM 2839 TC-ER		90° -40°
	6	14	10.5 mm OD, PVC, YE, 600 V	RF51078-30M RF51078-100M RF51078-200M	14 45 89	WH, RD, GN, OG, BK, BU		•	•	AWM 2517		105° -40°
	6	16	13.7 mm OD, PVC, YE, 600 V	RF50565-30M RF50565-100M RF50565-200M	17 56 111	WH, BK, GN, OG, RD, BU		•	•	STOW	•	105° -40°

PVC Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	6	16	13.2 mm OD, PVC, GY, 600 V	RF50801-30M RF50801-100M RF50801-200M	17 56 111	WH, BK, GN, OG, RD, BU		•	•	STOW	•	105° -40°
	6	16	9.6 mm OD, PVC, YE, 600 V	RF51030-30M RF51030-100M RF51030-200M	11 34 68	GN, BK, WH, RD, OG, BU		•	•	ITC/PLTC AWM 2586		105° -30°
	6	18	7.2 mm OD, PVC, BK, 300 V	RF50551-30M RF50551-100M RF50551-200M	7 21 41	BU, WH, BK, GN, RD, OG, Drain (20)	Foil/Drain	•	•	AWM 2517	•	105° -60°
	6	18	7.2 mm OD, PVC, YE, 300 V	RF50575-30M RF50575-100M RF50575-200M	7 21 41	WH, GN, YE, GY, BN, BU		•	•	AWM 2517	•	105° -40°
	6	18	7.5 mm OD, PVC, YE, 300 V	RF51085-30M RF51085-100M RF51085-200M	7 23 46	BN, WH, BU, BK, GY, PK		•	•	AWM 2517		105° -40°
	6	20	7.9 mm OD, PVC, GY, 300 V	RF50986-30M RF50986-100M RF50986-200M	7 22 44	3 pair = (BK, RD), (BK, WH), (GN, BK), Drain (22)	STP Foil/Drain Braid	•	•	AWM 2464		80° -40°
	6	22	6.2 mm OD, PVC, YE, 300 V	RF51003-30M RF51003-100M RF51003-200M	4 13 26	RD/WH, RD, GN, RD/YE, RD/BK, RD/BU		•	•	AWM 2517	•	105° -40°
	6	24	6.6 mm OD, PVC, GY, 300 V	RF50814-30M RF50814-100M RF50814-200M	5 16 32	GY, BN, WH, PK, BU, BK, Drain (26)	Foil/Drain Braid	•	•	AWM 2517		105° -40°
	6	24	5.1 mm OD, PVC, GY, 300 V	RF50610-30M RF50610-100M RF50610-200M	4 11 22	BK, GY, PK, BN, WH, BU, Drain (24)	Foil/Drain	•	•	AWM 2517		105° -40°
	6	24	5.1 mm OD, PVC, BK, 300 V	RF50845-30M RF50845-100M RF50845-200M	4 11 22	WH, GN, YE, GY, BN, BU, Drain (24)	Foil/Drain	•	•	AWM 2517		105° -40°
	6	24	7.2 mm OD, PVC, GY, 600 V	RF50922-30M RF50922-100M RF50922-200M	5 16 32	GY, PK, BN, WH, BU, BK, Drain (26)	Foil/Drain Braid	•	•	AWM 2586		105° -40°
	6	24	5.1 mm OD, PVC, GY, 300 V	RF50608-30M RF50608-100M RF50608-200M	4 11 22	GY, BN, WH, PK, BU, BK		•	•	AWM 2517		105° -40°
	6	26	4.5 mm OD, PVC, YE, 300 V	RF50734-30M RF50734-100M RF50734-200M	2 7 13	BN, WH, BU, BK, GY, PK		•	•	AWM 2103		105° -40°
	6	26	4.5 mm OD, PVC, BK, 300 V	RF51083-30M RF51083-100M RF51083-200M	2 7 13	BN, WH, BU, BK, GY, PK		•	•	AWM 2103		105° -40°
	7	14	10.5 mm OD, PVC, YE, 600 V	RF51079-30M RF51079-100M RF51079-200M	15 50 99	WH, RD, OG, BU, WH/BK, BK, GN		•	•	AWM 2586		105° -40°
	7	14	11.2 mm OD, PVC, YE, 300 V	RF51192-30M RF51192-100M RF51192-200M	12 39 77	WH/BK, BK, WH, RD, OG, BU, GN, Drain (20)	Foil/Drain Braid	•	•	AWM 2517		105° -40°
	7	16	9.6 mm OD, PVC, YE, 600 V	RF51031-30M RF51031-100M RF51031-200M	12 37 74	WH/BK, BK, WH, RD, OG, BU, GN		•	•	ITC/PLTC AWM 2586		105° -30°
	7	18	7.3 mm OD, PVC, YE, 300 V	RF50637-30M RF50637-100M RF50637-200M	8 27 53	WH, GN, YE, GY, BN, BU, GN/YE, Drain (20)	Foil/Drain	•	•	ITC/PLTC AWM 2517	•	105° -30°
	7	18	7.2 mm OD, PVC, BK, 300 V	RF50715-30M RF50715-100M RF50715-200M	7 23 45	BK, GN, OG, WH/BK, WH, RD, BU, Drain (20)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	7	18	7.5 mm OD, PVC, YE, 300 V	RF51086-30M RF51086-100M RF51086-200M	7 23 46	BU, WH, YE, BN, GY, GN, PK		•	•	AWM 2517		105° -40°
	7	18	8.4 mm OD, PVC, YE, 300 V	RF51204-30M RF51204-100M RF51204-200M	7 23 46	BN, BU, WH, GN, YE, GY, GN/YE, Drain (20)	Foil/Drain Braid	•	•	AWM 2517 ITC/PLTC	•	105° -30°

PVC Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	7	24	5.1 mm OD, PVC, BK, 300 V	RF50761-30M RF50761-100M RF50761-200M	4 12 24	GY, BU, WH, BN, GN, YE, PK, Drain (24)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	8	12 18	12.5 mm OD, PVC, YE, 600 V	RF51081-30M RF51081-100M RF51081-200M	19 63 126	12 = BK, WH, GN, BU, 18 = OG, RD, WH/BK, RD/BK		•	•	AWM 2586	•	105° -40°
	8	12 18	13.2 mm OD, PVC, YE, 600 V	RF51287-30M RF51287-100M RF51287-200M	20 66 131	12= BU, GN, WH, BK 18= OG, RD, WH/BK, RD/BK		•	•	AWM 2839 TC-ER	•	90° -40°
	8	12 18	14.7 mm OD, PVC, YE, 600 V	RF51288-30M RF51288-100M RF51288-200M	25 83 165	12= BU, GN, WH, BK 18= OG, RD, WH/BK, RD/BK	Braid	•	•	AWM 2839 TC-ER	•	90° -40°
	8	8 18	18.8 mm OD, PVC, YE, 600 V	RF51314-30M RF51314-100M RF51314-200M	29 96 192	8 = WH, RD, GN, BK 18 = BU, BN, WH, BK,		•	•	AWM 2839 TC-ER	•	90° -40°
	8	16	11.2 mm OD, PVC, YE, 600 V	RF51032-30M RF51032-100M RF51032-200M	14 47 93	OG, BU, WH/BK, BK, WH, RD, GN, RD/BK		•	•	ITC/PLTC AWM 2586	•	105° -30°
	8	18	10.0 mm OD, PVC, BK, 300 V	RF50552-30M RF50552-100M RF50552-200M	11 35 70	WH, BK, GN, RD, OG, BU, BN, YE, Drain (20)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	8	18	8.5 mm OD, PVC, YE, 300	RF51087-30M RF51087-100M RF51087-200M	10 31 61	WH, YE, BN, GY, GN, BU, PK, RD		•	•	AWM 2517	•	105° -40°
	8	20	8.5 mm OD, PVC, GY, 300 V	RF50987-30M RF50987-100M RF50987-200M	8 27 53	4 pair = (BK, RD), (BK, WH), (BK, GN), (BK, BU), Drain (22)	STP Foil/Drain Braid	•	•	AWM 2464	•	80° -40°
	8	24	7.2 mm OD, PVC, GY, 300 V	RF50813-30M RF50813-100M RF50813-200M	6 18 35	BU, WH, BN, GN, YE, GY, PK, RD, Drain (26)	Foil/Drain Braid	•	•	AWM 2517	•	105° -40°
	8	24	5.7 mm OD, PVC, GY, 300 V	RF50815-30M RF50815-100M RF50815-200M	4 12 23	BU, WH, BN, GN, YE, GY, PK, RD, Drain (26)	Foil/ Drain	•	•	AWM 2517	•	105° -40°
	8	24	5.7 mm OD, PVC, GY, 300 V	RF50753-30M RF50753-100M RF50753-200M	4 12 23	BU, WH, BN, GN, YE, GY, PK, RD		•	•	AWM 2517	•	105° -40°
	8	24	5.7 mm OD, PVC, YE, 300 V	RF50884-30M RF50884-100M RF50884-200M	4 12 23	BU, WH, BN, GN, YE, GY, PK, RD		•	•	AWM 2517	•	105° -40°
	9	14 18	10.5 mm OD, PVC, YE, 600 V	RF51080-30M RF51080-100M RF51080-200M	13 44 87	14 = BK, GN, BU, 18 = RD/BK, GN/BK, WH, RD, WH/BK, OG		•	•	AWM 2586	•	105° -40°
	9	16	12.5 mm OD, PVC, YE, 600 V	RF51033-30M RF51033-100M RF51033-200M	17 56 112	OG, BU, RD/BK, GN/BK, WH, RD, GN, WH/BK, BK		•	•	ITC/PLTC AWM 2586	•	105° -30°
	9	18	10 mm OD, PVC, YE, 300 V	RF50636-30M RF50636-100M RF50636-200M	11 35 70	WH, GN, YE, GY, PK, RD, BU, BN, GN/YE, Drain (20)	Foil/Drain	•	•	ITC/PLTC AWM 2517	•	105° -30°
	9	18	11.2 mm OD, PVC, YE, 300 V	RF51203-30M RF51203-100M RF51203-200M	13 44 87	BN, BU, WH, GN, YE, GY, PK, RD, GN/YE, Drain (20)	Foil/Drain Braid	•	•	ITC/PLTC AWM 2517	•	105° -30°
	9	22	6.9 mm OD, PVC, BU 300V	RF50741-30M RF50741-100M RF50741-200M	5 13 26	WH, BK, GN, RD, OG, BU, BN, YE, VT		•	•	PLTC AWM 2517	•	105° -30°
	10	16	12.5 mm OD, PVC, YE, 600 V	RF51034-30M RF51034-100M RF51034-200M	17 55 110	OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN, BK, WH		•	•	ITC/PLTC AWM 2586	•	105° -30°
	10	18	10 mm OD, PVC, BK, 300 V	RF50553-30M RF50553-100M RF50553-200M	11 35 70	VT, GY, GN, RD, OG, BU, BN, YE, WH, BK, Drain (20)	Foil/Drain	•	•	AWM 2517	•	105° -40°

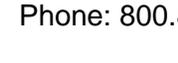
PVC Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	10	18	10 mm OD, PVC, YE, 300 V	RF50607-30M RF50607-100M RF50607-200M	11 35 70	GN/YE, BN, BU, WH, YE, GN/WH, BN/WH, BU/WH, OG, GY, Drain (20)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	10	24	7.0 mm OD, PVC, BK, 300 V	RF50836-30M RF50836-100M RF50836-200M	5 16 31	GN, GY, VT, BU, YE, BK, WH, RD, PK, BN, Drain (26)	Foil Drain	•	•	AWM 2517	•	105° -40°
	10	24	6.6 mm OD, PVC, BK, 300 V	RF51076-30M RF51076-100M RF51076-200M	5 16 31	GN, GY, OG, BU, YE, TN, WH, RD, PK, BN, Drain (26)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	10	24	7.2 mm OD, PVC, GY, 300 V	RF51006-30M RF51006-100M RF51006-200M	6 18 35	OG, RD, BU, PK, GY, YE, GN, BN, WH, TN, Drain (26)	Foil/Drain Braid	•	•	AWM 2517	•	105° -40°
	10	24	6.2 mm OD, PVC, GY, 300 V	RF51004-30M RF51004-100M RF51004-200M	4 13 26	OG, RD, BU, PK, GY, YE, GN, BN, WH, TN		•	•	AWM 2517	•	105° -40°
	11	18 22	8.5 mm OD, PVC, YE, 300 V	RF50624-30M RF50624-100M RF50624-200M	9 30 60	(18 = BN, BU, GN/YE), (22 = WH/GN, GN, GY, WH, RD/BU, YE, GY/PK, BN/GN, Drain (22)	Foil/Drain	•	•	PLTC AWM 2517	•	105° -30°
	11	18	10 mm OD, PVC, BK, 300 V	RF50716-30M RF50716-100M RF50716-200M	12 38 75	BK, GN, OG, BU, RD, WH, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, Drain (20)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	11	18	10 mm OD, PVC, YE, 600 V	RF50913-30M RF50913-100M RF50913-200M	12 38 75	WH, GN, YE, GY, PK, RD, BK, VT, BU, BN, GN/YE, Drain (20)	Foil/Drain	•	•	AWM 2586	•	105° -40°
	11	18	10.5 mm OD, PVC, YE, 300 V	RF51088-30M RF51088-100M RF51088-200M	13 42 83	WH, GN, YE, GY, PK, RD, BK, VT, BU, BN, GN/YE, Drain (20)	Foil/Drain	•	•	ITC/PLTC AWM 2517	•	105° -30°
	11	18	11.2 mm OD, PVC, YE, 300 V	RF51190-30M RF51190-100M RF51190-200M	13 44 87	BN, BU, WH, GN, YE, GY, PK, RD, BK, VT, GN/YE, Drain (20)	Foil/Drain Braid	•	•	ITC/PLTC AWM 2517	•	105° -30°
	12	16	13.2 mm OD, PVC, YE, 600 V	RF51035-30M RF51035-100M RF51035-200M	20 65 130	GN, OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, WH, RD, BK		•	•	ITC/PLTC AWM 2586	•	105° -30°
	12	18	10 mm OD, PVC, YE, 300 V	RF50606-30M RF50606-100M RF50606-200M	12 38 75	BU/WH, GN/YE, BN, BU, WH, OG, YE, GN/WH, BN/WH, GY, PK, RD, Drain (20)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	12	22	7.6 mm OD, PVC, BK, 300 V	RF50967-30M RF50967-100M RF50967-200M	6 20 40	RD, PK, YE, GN, WH, BU, BN, OG, BK, GY, TN, VT, Drain (24)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	12	24	7 mm OD, PVC, BK, 300 V	RF50755-30M RF50755-100M RF50755-200M	5 16 32	RD, GN, OG, TN, GY, VT, YE, BK, WH, BN, BU, PK, Drain (26)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	12	24	7.0 mm OD, PVC, YE, 300 V	RF50917-30M RF50917-100M RF50917-200M	5 16 32	BK, RD, GN, GY, PK, RD/BU, GY/PK, BU, VT, WH, YE, BN, Drain (26)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	12	24	7.2 mm OD, PVC, GY, 300 V	RF50988-30M RF50988-100M RF50988-200M	6 19 38	BN, WH, OG, RD, BU, PK, GY, YE, GN, BK, TN, VT, Drain (26)	Foil/Drain Braid	•	•	AWM 2517	•	105° -40°
	12	24	6.3 mm OD, PVC, GY, 300 V	RF50991-30M RF50991-100M RF50991-200M	5 15 29	BN, WH, OG, RD, BU, PK, GY, YE, GN, BK, TN, VT		•	•	AWM 2517	•	105° -40°
	14	18	10.6 mm OD, PVC, YE, 300 V	RF50576-30M RF50576-100M RF50576-200M	14 45 90	GN/YE, GN/WH, BN, BN/WH, BU, BU/WH, WH, YE, PK, BK, OG, GY, RD, VT, Drain (20)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	14	18	11.2 mm OD, PVC, YE, 600 V	RF51097-30M RF51097-100M RF51097-200M	14 47 93	PK, YE, WH, GY/PK, BU, GN, RD/BU, GY, RD, VT, GN/YE, BK, BN/GN, BN		•	•	AWM 2586	•	105° -40°

PVC Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	14	22	7.6mm OD, PVC, BK, 300 V	RF50998-30M RF50998-100M RF50998-200M	7 21 42	BN, OG, TN, BU, GN, PK, RD, WH, BK, RD/BU, GY/BN, YE, GY, VT, Drain (24)	Foil/Drain	•	•	AWM 2517		105° -40°
	15	18 22	8.5 mm OD, PVC, YE, 300 V	RF50625-30M RF50625-100M RF50625-200M	8 27 53	18 = BN, BU, GN/YE, 22 = WH, GN, GY, PK, RD, RD/BU, GY/PK, WH/GN, BN/GN, WH/YE, YE/BN, YE, Drain (22)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	16	22	8.2 mm OD, PVC, BU, 300 V	RF50744-30M RF50744-100M RF50744-200M	8 25 50	WH, BK, GN, RD, OG, BU, BN, YE, VT, GY, PK, TN, WH/BK, WH/GN, WH/RD, WH/BU		•	•	PLTC AWM 2517		105° -30°
	19	18 22	10.0 mm OD, PVC, YE, 300 V	RF50620-30M RF50620-100M RF50620-200M	12 38 75	18 = BN, BU, GN/YE, 22 = WH, GN, YE, GY, PK, RD, BK, VT, GY/PK, RD/BU, WH/GN, BN/GN, WH/YE, YE/BN, WH/GY, GY/BN, Drain)	Foil/Drain	•	•	PLTC AWM 2517	•	105° -30°
	19	22	8.5 mm OD, PVC, BK, 300 V	RF50995-30M RF50995-100M RF50995-200M	9 285 5	18 = BN, BU, GN/YE, 22 = GN, WH/YE, PK, BN/GN, BK, WH/GN, RD/BU, GY/PK, OG, GY, RD, WH, VT, GY/BN, YE, Drain (24)	Foil/Drain	•	•	AWM 2517		105° -40°
	19	18 22	10.4 mm OD, PVC, BK, 300 V	RF50733-30M RF50733-100M RF50733-200M	8 27 54	18 = BN, BU, GN/YE 22 = WH, GN, YE, GY, PK, RD, BK, VT, GY/PK, RD/BU, WH/GN, BN/GN, WH/YE, YE/BN, WH/GY, GY/BN, Drain (20)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	19	18 22	11.2 mm OD, PVC, YE, 300 V	RF51191-30M RF51191-100M RF51191-200M	13 44 87	VT, RD, GY, RD/BU, GN, BU, GY/PK, WH/GN, WH/YE, WH/GY, BK, GN/YE, YE/BN, BN/GN, WH, YE, PK, GY/BN, BN, Drain (20)	Foil/Drain Braid	•	•	PLTC AWM 2517	•	105° -30°
	19	26	7.1 mm OD, PVC, BK, 300 V	RF50873-30M RF50873-100M RF50873-200M	5 173 4	GN/YE, BK, WH/YE, WH/GY, GY/BN, GY/PK, BN, RD/BU, WH/GN, GY, BN/GN, GN, WH, RD, VT, BU, PK, YE, YE/BN, Drain (26)	Foil/Drain	•	•	AWM 2517		105° -40°
	25	22	10 mm OD, PVC, YE, 300 V	RF50631-30M RF50631-100M RF50631-200M	11 34 67	Bn, Bu, WH, Bk, Bn/Rd, Bu/Rd, WH/Rd, Bk/Rd, Bn/Ye, Bu/Ye, WH/Ye, Bk/Ye, Bn/Gy, Bu/Gy, WH/Gy, Bk/Gy, Bn/Gn, Bu/Gn, WH/Gn, Bk/Gn, Bk/Og, WH/Og, Bn/Og, Bu/Og, Gn/Ye, Drain (22)	Foil/Drain	•	•	AWM 2517	•	105° -40°
	26	22	12.4 mm OD, PVC, YE, 600 V	RF51293-30M RF51293-100M RF51293-200M	13 43 86	BN, BU, WH, BK, BN/RD, BU/RD, WH/RD, BK/RD, BN/YE, BU/YE, WH/YE, BK/YE, BN/GY, BU/GY, WH/GY, BK/GY, BN/GN, BU/GN, WH/GN, BK/GN, GY, BK/OG, WH/OG, BN/OG, BU/OG, GN/YE, Drain (22)	Foil/Drain	•	•	AWM 2586		105° -40°

PVC Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	27	22	10.5 mm OD, PVC, YE, 300 V	RF51061-30M RF51061-100M RF51061-200M	13 44 87	BN, WH/GY, BU/GY, BN/GY, BK/YE, WH/YE, BU/YE, BN/YE, BK/RD, WH/RD, BU/RD, BN/RD, BK, WH, BU, BK/GY, BN/OG, WH/OG, BK/OG, BK/GN, WH/GN, BU/GN, BN/GN, BU/OG, GN/YE, GY, OG, Drain (22)	Foil/Drain	•	•	AWM 2517	•	105° -40°

TPU flexlife® (S90)

The new TURCK TPU (Thermoplastic Polyurethane) jacket material boasts many industry leading features. A 105°C (+221°F) temperature rating is the first in the industry for a TPU cable. TURCK TPU cables withstand UL Vertical Tray and CSA FT4 flame tests allowing many configurations to be rated as PLTC and ITC. TPU provides superior resistance to oils and lubricants including cutting oils, transmission fluids (ATF) and gasoline, as well as exceptional abrasion resistance comparable to thermo-set rubber cables. TPU is the standard cable used to make retractile cordsets, and has a *flexlife* rating of over 2 million cycles.

TPU Cable	No. Of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	2	20	5.1 mm OD, TPU, BU, 300 V	RF50657-30M RF50657-100M RF50657-200M	3 8 15	BN, BU		•	•	AWM 20626		90° -40°
	2	20	5.1 mm OD, TPU, GY, 300 V	RF50772-30M RF50772-100M RF50772-200M	3 8 16	BN, BU		•	•	ITC/PLTC AWM 20626		105° -60°
	2	24	4.4 mm OD, TPU, BK, 300 V	RF51197-30M RF51197-100M RF51197-200M	2 6 11	BN, BU, Drain (26)	Foil/Drain	•	•	AWM 20626		90° -40°
	3	18	7.2 mm OD, TPU/PVC, YE, 300 V	RF50545-30M RF50545-100M RF50545-200M	6 17 34	BN, BU, GN/YE		•	•	AWM 2549		90° -40°
	3	18	5.7 mm OD, TPU, YE, 300 V	RF50547-30M RF50547-100M RF50547-200M	4 12 23	RD/WH, RD/BK, GN		•	•	AWM 20626	•	90° -40°
	3	18	6.4 mm OD, TPU, GY, 300 V	RF50669-30M RF50669-100M RF50669-200M	4 14 27	BK-1, BK-2, GN/YE		•	•	ITC/PLTC AWM 20626	•	105° -60°
	3	20	5.1 mm OD, TPU, GY, 300 V	RF50518-30M RF50518-100M RF50518-200M	3 9 18	BN, BU, BK		•	•	AWM 20626	•	90° -40°
	3	24	3.8 mm OD, TPU, YE, 300 V	RF51254-30M RF51254-100M RF51254-200M	2 6 11	BN, BK, BU		•	•	AWM 20626		90° -40°
	3	24	4.4 mm OD, TPU, BK, 300 V	RF50601-30M RF50601-100M RF50601-200M	2 6 12	BN, BU, BK, Drain (26)	Foil/Drain	•	•	AWM 20626		90° -40°
	3	24	4.2 mm OD, TPU, BK, 300 V	RF50587-30M RF50587-100M RF50587-200M	2 7 13	BN, BU, BK		•	•	AWM 20626	•	90° -40°
	4	18	7.2 mm OD, TPU, YE, 300 V	RF50544-30M RF50544-100M RF50544-200M	6 18 36	BK, BU, BN, WH		•	•	ITC/PLTC AWM 2517	•	90° -60°
	4	22	6.2 mm OD, TPU, GY, 300 V	RF51069-30M RF51069-100M RF51069-200M	4 12 23	2 pair = (BN, BK), (WH, BU), Drain (24)	STP Foil/Drain	•	•	AWM 20626		90° -40°
	4	22	5.1 mm OD, TPU, GY, 300 V	RF50985-30M RF50985-100M RF50985-200M	3 9 17	BN, WH, BU, BK, Drain (22)	Foil/Drain	•	•	AWM 20626		90° -40°
	4	22	7.2 mm OD, TPU, GY, 300 V	RF50810-30M RF50810-100M RF50810-200M	5 16 32	BN, WH, BU, BK, Drain (22)	Foil/Drain Braid	•	•	ITC/PLTC AWM 20626		105° -60°
	4	22	5.1 mm OD, TPU, GY, 300 V	RF50532-30M RF50532-100M RF50532-200M	3 9 17	BN, WH, BU, BK		•	•	AWM 20626		90° -40°
	4	22	5.3 mm OD, TPU, YE, 300 V	RF50613-30M RF50613-100M RF50613-200M	3 9 17	BN, WH, BU, BK		•	•	ITC/PLTC AWM 20626		105° -60°
	4	22	5.7 mm OD, TPU/PVC, YE, 300 V	RF50614-30M RF50614-100M RF50614-200M	4 11 21	RD/BK, RD/WH, RD, GN		•	•	AWM 2517		90° -40°
	4	24	3.8 mm OD, TPU, YE, 300 V	RF51256-30M RF51256-100M RF51256-200M	2 6 11	BN, BK, BU, WH		•	•	AWM 20549		80° -40°

TPU Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	4	26	4.4 mm OD, TPU, BK, 300 V	RF50602-30M RF50602-100M RF50602-200M	2 6 12	BN, WH, BU, BK, Drain (26)	Foil/Drain	•	•	AWM 20626		90° -40°
	4	26	4.4 mm OD, TPU, BK, 300 V	RF50586-30M RF50586-100M RF50586-200M	2 6 12	BN, WH, BU, BK		•	•	AWM 20626	•	90° -40°
	4	26	4.4 mm OD, TPU, YE, 300 V	RF50923-30M RF50923-100M RF50923-200M	2 6 12	BN, WH, BU, BK		•	•	AWM 20626	•	90° -40°
	5	18	7.2 mm OD, TPU, YE, 300 V	RF50751-30M RF50751-100M RF50751-200M	6 19 38	WH, BK, BU, GN/YE, BN		•	•	AWM 20626		90° -40°
	5	22	5.7 mm OD, TPU, GY, 300 V	RF50649-30M RF50649-100M RF50649-200M	4 11 21	GY, BN, WH, BU, BK		•	•	ITC/PLTC AWM 20626	•	105° -60°
	5	24	5.7 mm OD, TPU, BU, 300 V	RF50928-30M RF50928-100M RF50928-200M	4 11 20	BU, OG, RD, YE, BK, Drain (24)	Foil/Drain	•	•	AWM 20626	•	90° -40°
	6	16	9.6 mm OD, TPU, YE, 600 V	RF51137-30M RF51137-100M RF51137-200M	6 20 40	BK, WH, RD, OG, BU, GN		•	•	ITC/PLTC AWM 20626		105° -40°
	6	18	7.2 mm OD, TPU, YE, 300 V	RF50662-30M RF50662-100M RF50662-200M	6 20 40	WH, GN, YE, GY, BN, BU, Drain (20)	Foil/Drain	•	•	AWM 20626		90° -40°
	6	24	5.7 mm OD, TPU, GY, 300 V	RF50646-30M RF50646-100M RF50646-200M	4 11 21	GY, BN, WH, PK, BU, BK		•	•	AWM 20626	•	90° -40°
	6	24	5.7 mm OD, TPU, BK, 300 V	RF50728-30M RF50728-100M RF50728-200M	4 11 21	GY, BN, WH, PK, BU, BK		•	•	AWM 20626	•	90° -40°
	6	26	4.5 mm OD, TPU, BK, 300 V	RF51144-30M RF51144-100M RF51144-200M	5 19 38	BN, WH, BU, BK, GY, PK, DN (26)	Foil/Drain					90° -40°
	6	26	4.5 mm OD, TPU, BK, 300 V	RF50735-30M RF50735-100M RF50735-200M	2 7 13	BN, WH, BU, BK, GY, PK						90° -40°
	7	16	9.6 mm OD, TPU, YE, 600 V	RF51138-30M RF51138-100M RF51138-200M	7 22 44	BK, WH, RD, OG, BU, GN, WH/BK		•	•	ITC/PLTC AWM 20626		105° -60°
	7	18	7.2 mm OD, TPU, YE, 300 V	RF50676-30M RF50676-100M RF50676-200M	7 22 44	WH, GN, YE, GY, BN, BU, GN/YE, Drain (20)	Foil/Drain	•	•	AWM 20626	•	90° -40°
	8	16	11.2 mm OD, TPU, YE, 600 V	RF51139-30M RF51139-100M RF51139-200M	8 23 46	BU, WH/BK, BK, WH, RD, RD/BK, GN, OG		•	•	ITC/PLTC AWM 20626		105° -60°
	8	24	5.7 mm OD, TPU, GY, 300 V	RF50984-30M RF50984-100M RF50984-200M	4 12 23	BU, WH, BN, GN, YE, GY, PK, RD		•	•	AWM 20626		90° -40°
	9	16	12.5 mm OD, TPU, YE, 600 V	RF51140-30M RF51140-100M RF51140-200M	9 24 48	BU, RD/BK, GN/BK, WH, RD, GN, BK, WH/BK, OG		•	•	ITC/PLTC AWM 20626		105° -60°
	9	18	10 mm OD, TPU, YE, 300 V	RF50677-30M RF50677-100M RF50677-200M	11 34 68	WH, GN, YE, GY, PK, RD, BU, BN, GN/YE Drain (20)	Foil/Drain	•	•	AWM 20626	•	90° -40°
	10	16	12.5 mm OD, TPU, YE, 600 V	RF51141-30M RF51141-100M RF51141-200M	12 38 76	BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN, OG, BK, WH		•	•	ITC/PLTC AWM 20626		105° -60°
	10	24	6.2 mm OD, TPU, GY, 300 V	RF51005-30M RF51005-100M RF51005-200M	5 16 31	OG, RD, BU, PK, GY, YE, GN, BN, WH, TN		•	•	AWM 20626		90° -40°
	11	18	10 mm OD, TPU, YE, 300 V	RF50678-30M RF50678-100M RF50678-200M	11 37 74	WH, GN, YE, GY, PK, RD, BK, VT, BU, BN, GN/YE Drain (20)	Foil/Drain	•	•	AWM 20626	•	90° -40°

TPU Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	11	18 22	8.4 mm OD, TPU, YE, 300 V	RF50718-30M RF50718-100M RF50718-200M	8 24 48	(18 = BN, BU, GN/YE), (22 = WH/GN, GN, GY, WH, RD/BU, YE, GY/PK, BN/GN), Drain (22)	Foil/Drain	•	•	AWM 20626	•	90° -40°
	12	16	13.2 mm OD, TPU, YE, 600 V	RF51142-30M RF51142-100M RF51142-200M	13 39 78	OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, GN, WH, RD, BK		•	•	ITC/PLTC AWM 20626		105° -60°
	12	22	7.6 mm OD, TPU, BK, 300 V	RF51001-30M RF51001-100M RF51001-200M	6 20 39	RD, PK, YE, GN, WH, BU, BN, OG, BK, GY, TN, VT, Drain (24)	Foil/Drain	•	•	AWM 20626		90° -40°
	12	24	6 mm OD, TPU, GY, 300 V	RF50990-30M RF50990-100M RF50990-200M	4 13 26	BN, WH, OG, RD, BU, PK, GY, YE, GN, BK, TN, VT		•	•	AWM 20626		90° -40°
	14	22	7.6 mm OD, TPU, BK, 300 V	RF51002-30M RF51002-100M RF51002-200M	7 21 42	BN, OG, TN, BU, GN, PK, RD, WH, BK, RD/BU, GY/BN, YE, GY, VT, Drain (24)	Foil/Drain	•	•	AWM 20626		90° -40°
	15	18 22	8.5 mm OD, TPU, YE, 300 V	RF50818-30M RF50818-100M RF50818-200M	8 26 52	(18 = BN, BU, GN/YE), (22 = YE, WH, GN, GY, PK, RD, RD/BU, GY/PK, WH/GN, BN/GN, WH/YE, YE/BN), Drain (22)	Foil/Drain	•	•	AWM 20626		90° -40°
	19	18 22	10.4 mm OD, TPU, YE, 300 V	RF50682-30M RF50682-100M RF50682-200M	11 37 74	(18 = BN, BU, GN/YE), (22 = WH, GN, YE, GY, PK, RD, BK, VT, RD/BU, GY/PK, WH/GN, BN/GN, WH/YE, YE/BN, WH/GY, GY/BN), Drain (20)	Foil/Drain	•	•	PLTC AWM 20626	•	105° -60°
	19	22	8.5 mm OD, TPU, BK, 300 V	RF50996-30M RF50996-100M RF50996-200M	8 27 54	BN, TN, BU, YE/BN, GN, WH/YE, PK, BN/GN, BK, WH/GN, RD/BU, GY/PK, OG, GY, RD, WH, VT, GY/BN, YE, Drain (24)	Foil/Drain	•	•	AWM 20626		90° -40°

TPU flexlife-20® (S90/S101)

flexlife-20, our latest innovation in high-flex cable, guarantees performance to 10 million cycles of continuous flexing, bending and twisting motion found in C-track, robotic and other motion systems. Our standard **flexlife** PVC and TPU control cables are designed to meet a minimum of 2 million flex cycles, but are often in use 7 to 8 million flex cycles and years later.

The **flexlife-20** design includes finely stranded custom alloy conductors, and proprietary blended thermoplastic insulation and cable jacket compounds. A flex facilitator made of PTFE is wrapped around the conductors, preventing heat build-up due to friction between the cable jacket and conductors during the flex cycle. See our **flexlife-20** brochure (B0422) for more information.

TPU-FL-20 Cable	No. Of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	3	24	4.5 mm OD, TPU, BK, FL-20, 600 V	RF51166-30M RF51166-100M RF51166-200M	2 6 11	BN, BU, BK		•	•	AWM 20626		105° -40°
	4	26	4.4 mm OD, TPU, BK, FL-20, 600 V	RF50935-30M RF50935-100M RF50935-200M	2 6 11	BN, WH, BU, BK		•	•	AWM 20626		105° -40°
	6	26	5.1 mm OD, TPU, BK, FL-20, 600 V	RF51082-30M RF51082-100M RF51082-200M	3 8 15	BN, WH, BU, BK, GY, PK		•	•	AWM 20626		105° -40°
	19	18	12 mm OD, TPU, YE, FL-20, 600 V	RF50926-30M RF50926-100M RF50926-200M	19 63 126	WH, GN, YE, PK, RD, BK, VT, BU, GY, BN, GY/BN, YE/BN, GN/YE, GY/PK, RD/BU, BN/GN, WH/GN, WH/YE, WH/GY		•	•	AWM 20626		105° -40°

CPE Rubber flexlife® (S600)

Thermo-set CPE jacket over EPDM rubber insulation. Thermo-set rubber is impervious to flame and temperature extremes making it the cable of choice for many welding applications. CPE rubber jacket provides superior resistance to tears, cuts and abrasions, and has a flexlife rating of over 2 million cycles.

Rubber Cable	No. Of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	3	16	10.3 mm OD, CPE, YE, 600 V	RF50596-30M RF50596-100M RF50596-200M	31 103 205	GN, RD/BK, RD/WH		•	•	SOOW	•	105° -50°
	3	18	8 mm OD, CPE, YE, 300 V	RF50654-30M RF50654-100M RF50654-200M	19 63 131	BK, BN, BU		•	•	SJOOW	•	105° -50°
	3	18	8.0 mm OD, CPE, YE, 300 V	RF50658-30M RF50658-100M RF50658-200M	20 66 131	GN, RD/BK, RD/WH		•	•	SJOOW	•	105° -50°
	4	16	11.05 mm OD, CPE, YE, 600 V	RF50595-30M RF50595-100M RF50595-200M	36 119 238	WH, RD, GN, BK		•	•	SOOW	•	105° -50°
	4	18	8.5 mm OD, CPE, YE, 300 V	RF50644-30M RF50644-100M RF50644-200M	25 83 165	BN, WH, BU, BK		•	•	SJOOW	•	105° -50°
	5	16	13 mm OD, CPE, YE, 600 V	RF50597-30M RF50597-100M RF50597-200M	50 166 333	RD1, RD2, GN3, RD4, RD5		•	•	SOOW	•	105° -50°
	5	18	9.3 mm OD, CPE, YE, 300 V	RF50659-30M RF50659-100M RF50659-200M	26 88 176	RD/WH, RD/BU, GN, RD/OG, RD/BK		•	•	SJOOW	•	105° -50°
	5	18	9.4 mm OD, CPE, YE, 300 V	RF50937-30M RF50937-100M RF50937-200M	28 92 184	BN, WH, BU, BK, GY		•	•	SJOOW	•	90° -50°
	6	16	13.3 mm OD, CPE, YE, 600 V	RF51019-30M RF51019-100M RF51019-200M	51 167 334	OG, BU, BK, WH, RD, GN		•	•	SOOW	•	105° -50°
	7	16	13.3 mm OD, CPE, YE, 600 V	RF51020-30M RF51020-100M RF51020-200M	51 170 340	WH/BK, BK, WH, RD, OG, BU, GN		•	•	SOOW	•	105° -50°
	9	16	15.2 mm OD, CPE, YE, 600 V	RF51021-30M RF51021-100M RF51021-200M	68 228 456	OG, BU, RD/BK, GN/BK, WH, RD, GN, WH/BK, BK		•	•	SOOW	•	105° -50°
	10	16	15.7 mm OD, CPE, YE, 600 V	RF51022-30M RF51022-100M RF51022-200M	71 235 470	OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN, BK, WH		•	•	SOOW	•	105° -50°
	12	16	16.5 mm OD, CPE, YE, 600 V	RF51023-30M RF51023-100M RF51023-200M	81 269 538	OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, WH/BK, GN, RD, WH, BK		•	•	SOOW	•	105° -50°

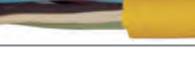
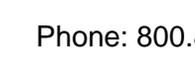
XOR

Irradiated PVC is steady temperature rated from -25°C to +80°C (-13°F to 176°F), and short-term rated to +250°C (+482°F). Conductors and jacket are resistant to melting under conditions such as weld-flash, contact with hot objects (e.g. soldering iron) or under short-circuit conditions (to VDE 0298). Superior performance in the presence of oils and organic solvents causes no swelling, as well as outstanding tensile strength and abrasion resistance. Unlike stranded PVC, it does not exhibit signs of aging in the presence of hot oil. No reduction of physical properties when soaked 168 hours at +90°C (+194°F) in ASTM #2 oil (re: VDE 0472 part 802). Fine litz-wire stranded construction provides superior performance in flex applications.

XOR	No. Of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	3	18	5.7 mm OD, Rad. PVC, YE, 240 V	RF04159-30M RF04159-100M RF04159-200M	4 12 23	GN, RD, WH/RD						80° -20°
	4	20	5.2 mm OD, Rad. PVC, YE, 240 V	RF04304-30M RF04304-100M RF04304-200M	3 10 19	BN, WH, BU, BK						80° -40°

Weldlife (S1587)

TPE (Thermo-Plastic Elastomer), sometimes called TPR (Thermo-Plastic Rubber), jacket material offers excellent resistance to weld slag buildup, second only to Thermo-set rubber. Weldlife is more flexible, available in more configurations, is less expensive than rubber and has a *flexlife*® rating of over 2 million cycles.

TPE Weldlife Cable	No. Of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	3	16	10.4 mm OD, TPE, YE, 600 V	RF51563-30M RF51563-100M RF51563-200M	9 22 44	GN, BK, WH		•	•	SEOW		105° -60°
	3	18	7.2 mm OD, TPE, YE, 300 V	RF50957-30M RF50957-100M RF50957-200M	6 17 34	RD/BK, RD/WH, GN		•	•	AWM 21002		105° -60°
	3	24	4.4 mm OD, TPE, YE, 300 V	RF51271-30M RF51271-100M RF51271-200M	2 6 11	BN, BU, BK		•	•	AWM 21002		105° -60°
	4	22	5.1 mm OD, TPE, YE, 300 V	RF51132-30M RF51132-100M RF51132-200M	3 10 20	BK, BN, WH, BU		•	•	ITC/PLTC/AWM 2587		80° -60°
	5	16	13.2 mm OD, TPE, YE, 600 V	RF51265-30M RF51265-100M RF51265-200M	17 54 108	WH, RD, GN, OG, BK		•	•	SEOW		105° -60°
	5	18	6.4 mm OD, TPE, YE, 300 V	RF51232-30M RF51232-100M RF51232-200M	5 16 32	GY, BN, WH, BU, BK		•	•	AWM 21002		105° -60°
	5	18	7.2 mm OD, TPE, YE, 300 V	RF50958-30M RF50958-100M RF50958-200M	6 19 37	RD/BU, GN, RD/OG, RD/BK, RD/WH		•	•	AWM 21002		105° -60°
	6	16	9.6 mm OD, TPE, YE, 600 V	RF51053-30M RF51053-100M RF51053-200M	8 21 42	BK, WH, RD, OG, BU, GN		•	•	AWM 21002		105° -60°
	6	16	13.7 mm OD, TPE, YE, 600 V	RF51564-30M RF51564-100M RF51564-200M	20 65 130	WH, RD, GN, OG, BK, BU		•	•	SEOW		105° -60°
	6	18	7.2 mm OD, TPE, GY, 300 V	RF51274-30M RF51274-100M RF51274-200M	7 21 41	GN, YE, GY, BN, BU, WH		•	•	AWM 21002		105° -60°
	7	16	9.6 mm OD, TPE, YE, 600 V	RF51009-30M RF51009-100M RF51009-200M	8 21 42	BK, WH, RD, OG, BU, GN, WH/BK		•	•	AWM 21002		105° -60°
	8	16	10.5 mm OD, TPE, YE, 600 V	RF51011-30M RF51011-100M RF51011-200M	9 22 44	BU, WH/BK, BK, WH, RD, RD/BK, GN, OG		•	•	AWM 21002		105° -60°
	9	16	11.2 mm OD, TPE, YE, 600 V	RF51013-30M RF51013-100M RF51013-200M	10 23 46	BU, RD/BK, GN/BK, WH, RD, GN, BK, WH/BK, OG		•	•	AWM 21002		105° -60°
	10	16	12.5 mm OD, TPE, YE, 600 V	RF51015-30M RF51015-100M RF51015-200M	11 25 50	OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, RD, GN, BK, WH		•	•	AWM 21002		105° -60°
	12	16	12.5 mm OD, TPE, YE, 600 V	RF51017-30M RF51017-100M RF51017-200M	12 26 52	OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, GN, WH, RD, BK		•	•	AWM 21002		105° -60°
	12	16	12.5 mm OD, TPE, GY, 600 V	RF51275-30M RF51275-100M RF51275-200M	19 63 126	GN, OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, RD, WH, BK		•	•	AWM 21002		105° -60°

TPE flexlife-20® (S101)

flexlife-20, our latest innovation in high-flex cable, guarantees performance to 10 million cycles of continuous flexing, bending and twisting motion found in C-track, robotic and other motion systems. Our standard **flexlife** PVC and PUR control cables are designed to meet a minimum of 2 million flex cycles, but are often in use 7 to 8 million flex cycles and years later.

The **flexlife-20** design includes finely stranded custom alloy conductors, and proprietary blended thermoplastic insulation and cable jacket compounds. A flex facilitator made of PTFE is wrapped around the conductors, preventing heat build-up due to friction between the cable jacket and conductors during the flex cycle. See our **flexlife-20** brochure (B0422) for more information.

TPE FL-20 Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	3	18	5.9 mm OD, TPE, YE, FL-20, 600 V	RF51173-30M RF51173-100M RF51173-200M	6 19 37	BN, BU, GN/YE		•	•	AWM 21002		105° -60°
	3	20	5.7 mm OD, TPE, GY, FL-20, 600 V	RF50940-30M RF50940-100M RF50940-200M	3 10 20	BN, BU, BK		•	•	AWM 21002		105° -60°
	4	18	6.4 mm OD, TPE, YE, FL-20, 600 V	RF50968-30M RF50968-100M RF50968-200M	6 19 37	BK, BU, WH, BN		•	•	AWM 21002		105° -60°
	4	22	5.7 mm OD, TPE, GY, FL-20, 600 V	RF50941-30M RF50941-100M RF50941-200M	3 10 20	BN, WH, BU, BK		•	•	AWM 21002		105° -60°
	5	18	7.2 mm OD, TPE, YE, FL-20, 600 V	RF51174-30M RF51174-100M RF51174-200M	6 20 39	BK, BU, GN/YE, BN, WH		•	•	AWM 21002		105° -60°
	5	22	5.7 mm OD, TPE, GY, FL-20, 600 V	RF50909-30M RF50909-100M RF50909-200M	3 10 20	GY, BN, WH, BU, BK		•	•	AWM 21002		105° -60°
	6	16	8.5 mm OD, TPE, YE, FL-20, 600 V	RF51044-30M RF51044-100M RF51044-200M	8 38 76	BK, WH, RD, OG, BU, GN		•	•	AWM 21002		105° -60°
	6	24	5.7 mm OD, TPE, GY, FL-20, 600 V	RF50910-30M RF50910-100M RF50910-200M	3 10 19	GY, BN, WH, PK, BU, BK		•	•	AWM 21002		105° -60°
	6	24	5.7 mm OD, TPE, BK, FL-20, 600 V	RF51111-30M RF51111-100M RF51111-200M	3 10 20	GN, YE, GY, BN, BU, WH		•	•	AWM 21002		105° -60°
	7	16	9.6 mm OD, TPE, YE, FL-20, 600 V	RF51049-30M RF51049-100M RF51049-200M	10 40 80	BK, WH, RD, OG, GN, BU, WH/BK		•	•	AWM 21002		105° -60°
	7	18	7.4 mm OD, TPE, YE, FL-20, 600 V	RF51149-30M RF51149-100M RF51149-200M	9 39 78	BK, WH, RD, OG, BU, GN, WH/BK		•	•	AWM 21002		105° -60°
	8	16	9.6 mm OD, TPE, YE, FL-20, 600 V	RF51050-30M RF51050-100M RF51050-200M	10 40 80	RD, GN, OG, BU, WH/BK, BK, RD/BK, WH		•	•	AWM 21002		105° -60°
	8	24	5.7 mm OD, TPE, GY, FL-20, 600 V	RF50911-30M RF50911-100M RF50911-200M	4 11 21	BU, WH, BN, GN, YE, GY, PK, RD		•	•	AWM 21002		105° -60°
	9	16	10.5 mm OD, TPE, YE, FL-20, 600 V	RF51051-30M RF51051-100M RF51051-200M	10 40 80	BU, RD/BK, GN/BK, WH, RD, GN, BK, WH/BK, OG		•	•	AWM 21002		105° -60°
	10	16	10.5 mm OD, TPE, YE, FL-20, 600 V	RF51052-30M RF51052-100M RF51052-200M	11 41 82	OG/BK, RD, GN, OG, BU, WH/BK, RD/BK, GN/BK, BK, WH		•	•	AWM 21002		105° -60°
	10	24	7.0 mm OD, TPE, BK, FL-20, 600 V	RF50954-30M RF50954-100M RF50954-200M	5 15 30	GN, GY, VT, YE, BK, WH, RD, BN, PK, BU		•	•	AWM 21002		105° -60°
	10	24	7.0 mm OD, TPE, BK, FL-20, 600 V	RF51077-30M RF51077-100M RF51077-200M	5 15 30	GN, GY, OG, YE, TN, WH, RD, BN, PK, BU		•	•	AWM 21002		105° -60°
	12	16	11.2 mm OD, TPE, YE, FL-20, 600 V	RF51148-30M RF51148-100M RF51148-200M	134 385	OG, BU, WH/BK, RD/BK, GN/BK, OG/BK, BU/BK, BK/WH, GN, WH, RD, BK		•	•	AWM 21002		105° -60°

TPE FL-20 Cable	No. of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	12	18	9.3 mm OD, TPE, YE, FL-20, 600 V	RF50915-30M RF50915-100M RF50915-200M	13 43 85	BU/WH, GN/YE, BN, BU, WH, OG, YE, GN/WH, BN/WH, GY, PK, RD		•	•	AWM 21002		105° -50°
	12	22	7.6 mm OD, TPE, BK, FL-20, 600 V	RF50999-30M RF50999-100M RF50999-200M	6 19 38	RD, PK, YE, GN, WH, BU, BN, OG, BK, GY, TN, VT		•	•	AWM 21002		105° -60°
	12	24	7 mm OD, TPE, BK, FL-20, 600 V	RF50943-30M RF50943-100M RF50943-200M	5 16 31	RD, GN, OG, TN, GY, VT, YE, BK, WH, BN, BU, PK		•	•	AWM 21002		105° -60°
	14	22	7.6 mm OD, TPE, BK, FL-20, 600 V	RF51000-30M RF51000-100M RF51000-200M	6 20 40	BN, OG, TN, BU, GN, PK, RD, WH, BK, RD/BU, GY/BN, YE, GY, VT		•	•	AWM 21002		105° -60°
	19	18 22	9.3 mm OD, TPE, YE, FL-20, 600 V	RF50916-30M RF50916-100M RF50916-200M	12 38 75	(22 = WH, GN, YE, GY, PK, RD, BK, VT, GY/PK, RD/BU, WH/GN, BN/GN, WH/YE, YE/BN, WH/GY, GY/BN), (18 = BN, BU, GN/YE)		•	•	AWM 21002		105° -60°
	19	22	8.5 mm OD, TPE, BK, FL-20, 600 V	RF50997-30M RF50997-100M RF50997-200M	8 26 52	BN, TN, BU, YE/BN, GN, WH/YE, PK, BN, GN, BK, WH/GN, RD/BU, GY/PK, OG, GY, RD, WH, VT, GY/BN, YE		•	•	AWM 21002		105° -60°
			5.7 mm OD, TPC, GY, 600V	RF50910-30M RF50910-100M RF50910-200M	5 16 32	BN, WH, PK, BU, BK, GY		•	•	AWM 21002	•	105° -60°

Super Cable (S529)

This TURCK developed cable construction is unique in the industry. PVC insulated inner conductors of high-flex stranding are sheathed in an oil-resistant PVC inner jacket, over which a braided copper shield is applied. An outer jacket of TPU (Thermoplastic Polyurethane) is then applied to the cable.

This cable was developed for the machine tool and material handling industry as a solution to problems experienced with the high degree of abrasion, cut through and attack by cutting fluids found in those industries.

Advantages gained from this design include:

- High flexibility and strength in a relatively small cross section.
- Highly resistant to abrasion, cutting and crushing.
- Highly resistant to fluids that may otherwise cause failure due to embrittlement or softening in the presence of cutting fluids, oils, gasoline and other petroleum-based fluids.
- Circular cross section of inner core and braid allows for easier stripping in the field.

Super S529 Cable	No. Of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	3	20	5.1 mm OD, TPU/PVC, YE, 300 V	RF50832-30M RF50832-100M RF50832-200M	4 11 21	BN, BU, BK	Braid					90° -60°
	4	20	5.7 mm OD, TPU/PVC, YE, 300 V	RF50526-30M RF50526-100M RF50526-200M	4 13 26	BN, WH, BU, BK	Braid					90° -60°
	6	24	6.2 mm OD, TPU/PVC, YE, 300 V	RF51120-30M RF51120-100M RF51120-200M	5 14 28	BN, WH, PK, BU, BK, GY	Braid	•	•	AWM 20626		90° -60°

Polypropylene

Polypropylene, our latest innovation for washdown environments, is our special formulated cable jacket with high tensile strength and high chemical solvent resistance. It is resistant to common solvents such as sulfuric acid, sulfamic acid and nitric acid. There is no UL listing on this product type but it is RoHS compliant.

Polypropylene Cable	No. Of Cond.	AWG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	2	16	6.2 mm OD, PP, WH 600 V	RF51442-30M RF51442-100M RF51442-200M	4 11 21	WH, BK						105° -40°
	2	18	5.1 mm OD, PP, WH 600 V	RF51441-30M RF51441-100M RF51441-200M	3 10 19	BN, BU						105° -40°
	3	16	7.2 mm OD, PP, WH 600 V	RF51444-30M RF51444-100M RF51444-200M	5 14 28	GN, BK, WH						105° -40°
	3	18	5.7 mm OD, PP, WH 600 V	RF51443-30M RF51443-100M RF51443-200M	4 11 21	GN/YE, BN, BU						105° -40°
	3	20	5.1 mm OD, PP, WH 300 V	RF51440-30M RF51440-100M RF51440-200M	4 11 21	BN, BU, BK						105° -40°
	4	16	7.2 mm OD, PP, WH 600 V	RF51446-30M RF51446-100M RF51446-200M	5 14 28	BK, WH, RD, GN						105° -40°
	4	18	6.2 mm OD, PP, WH 600 V	RF51445-30M RF51445-100M RF51445-200M	5 14 28	BN, WH, BU, BK						105° -40°
	4	22	4.4 mm OD, PP, WH 300 V	RF51359-30M RF51359-100M RF51359-200M	3 9 18	BN, WH, BU, BK						105° -40°
	5	16	7.2 mm OD, PP, WH 600 V	RF51448-30M RF51448-100M RF51448-200M	6 18 36	WH, RD, GN, OG, BK						105° -40°
	5	18	7.2 mm OD, PP, WH 600 V	RF51447-30M RF51447-100M RF51447-200M	6 18 36	BK, BU, GN/YE, BN, WH						105° -40°
	5	18	6.5 mm OD, PP, WH 600 V	RF51573-30M RF51573-100M RF51573-200M	5 16 32	BN, WH, BU, BK, GY						105° -40°
	5	22	4.5 mm OD, PP, WH 300 V	RF51466-30M RF51466-100M RF51466-200M	4 11 21	BN, WH, BU, BK, GY						105° -40°
	6	16	8 mm OD, PP, WH 600 V	RF51450-30M RF51450-100M RF51450-200M	11 34 68	WH, RD, GN, OG, BK, BU						105° -40°
	6	18	7.2 mm OD, PP, WH 600 V	RF51449-30M RF51449-100M RF51449-200M	6 18 36	GN, WH, BU, GY, YE, BN						105° -40°
	6	18	7.0 mm OD, PP, WH 600 V	RF51575-30M RF51575-100M RF51575-200M	6 19 37	BN, WH, BU, BK, GY, PK						105° -40°
	6	24	4.5 mm OD, PP, WH 300 V	RF51467-30M RF51467-100M RF51467-200M	4 11 21	BN, WH, BU, BK, GY, PK						105° -40°

Polypropylene Cable	No. Of Cond.	A WG	Jacket Characteristics	ID Number	Ship Wt. (lbs)	Cond. Colors	Shield	UL	CSA	Type	MSHA	Temp. (°C)
	7	18	7 mm OD, PP, WH, 600 V	RF51571-30M RF51571-100M RF51571-200M	7 23 45	WH, BN, GN, YE, GY, PK, BU						105° -40°
	8	18	7.6 mm OD, PP, WH, 600 V	RF51574-30M RF51574-100M RF51574-200M	10 31 61	WH, BN, GN, YE, GY, PK, BU, RD						105° -40°
	8	24	5.1 mm OD, PP, WH, 300 V	RF51465-30M RF51465-100M RF51465-200M	4 12 22	WH, BN, GN, YE, GY, PK, BU, RD						105° -40°
	10	24	5.7 mm OD, PP, WH, 300 V	RF51602-30M RF51602-100M RF51602-200M	4 13 26	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN						105° -40°
	11	18 22	7.2 mm OD, PP, WH, 300 V	RF51371-30M RF51371-100M RF51371-200M	8 27 54	18 = BN, BU, GN/YE 22 = GY, RD/BU, GN, BU, GY/PK, WH/GN, GN/YE, BN/GN, WH, YE, BN						105° -40°
	12	22	6.2 mm OD, PP, WH, 300 V	RF51576-30M RF51576-100M RF51576-200M	6 20 40	BN, BU, WH, GN, YE, GY, PK, RD, BK, OG, TN, VT						105° -40°
	12	24	5.7 mm OD, PP, WH, 300 V	RF51464-30M RF51464-100M RF51464-200M	4 13 26	WH, BN, GN, YE, GY, PK, BU, RD, OG, TN, BK, VT						105° -40°
	14	22	6.5 mm OD, PP, WH, 300 V	RF51572-30M RF51572-100M RF51572-200M	6 19 37	BN, RD/BU, BK, PK, GN, BU, OG, GY/BN, VT, WH, RD, GY, YE, TN						105° -40°
	19	22	7.0 mm OD, PP, WH, 300 V	RF51570-30M RF51570-100M RF51570-200M	8 27 54	BU, GY/PK, RD/BU, WH/GN, BK, BN/GN, PK, WH/YE, GN, YE/BN, BN, OG, GY/BN, VT, WH, RD, GY, YE, TN						105° -40°
	19	18 22	7.9 mm OD, PP, WH, 300 V	RF51375-30M RF51375-100M RF51375-200M	9 24 48	18 = BN, BU, GN/YE 22 = VT, RD, GY, RD/BU, GN, BU, GY/PK, WH/GN, WH/YE, WH/GY, BK, GN/YE, YE/BN, BN/GN, WH, YE, PK, GY/BN, BN						105° -40°