

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	4.8 mm OD, TPU, GY, 300 V	RF50772-30M RF50772-100M RF50772-200M	3 8 16	BN, BU		•	•	AWM 20626		90° -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	6.0 mm OD, TPU, GY, 300 V	RF50669-30M RF50669-100M RF50669-200M	4 14 27	BK-1, BK-2, GN/YE		•	•	AWM 20626	•	90° -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		•	•	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	5.1 mm OD, TPU, YE, 300 V	RF50613-30M RF50613-100M RF50613-200M	3 9 17	BN, WH, BU, BK		•	•	AWM 20626		90° -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°