

# Technical Information U.L. Cord Type

## Construction and Rating

Cord Type**	AWG Size Range	No of Condrs.	Conductor Insulation	Jacket	Temp. Rating***		Voltage Rating
					Std.	Other	
TP	27(Tinsel)	2	.030 Rubber		60		250
TPT	27(Tinsel)	2	.030 Plastic		60	75,90,105	250
SP-1	18	2+	.030 Rubber		60		300
SPT-1	18	2+	.030 Plastic		60		300
SP-2	18-16	2+	.045 Rubber		60		300
SPT-2	18-16	2+	.045 Plastic		60	75,90,105	300
SP-3	18-12	2+	.060 Rubber++		60	75,90	300
SPT-3	18-10	2+	.060 Plastic++		60		300
TS	27(Tinsel)	2	.015 Rubber	.030 Rubber	60		125
TST	27(Tinsel)	2	.015 Plastic	.030 Plastic	60	75,90	125
SV	18	2+	.015 Rubber	.030 Rubber	60		300
SVO*	18	2+	.015 Rubber	.030 Neoprene	60		300
SVT	18-17	2+	.015 Plastic	.030 Plastic	60	75,90,105	300
SVTO*	18-17	2+	.015 Plastic	.030 Plastic	60	75,90,105	300
SJ	18-10	2-6	.030 Rubber++	.030 Rubber++	60	75	300
SJO*	18-10	2-6	.030 Rubber++	.030 Neoprene++	60	75,90	300
SJT	18-10	2-6	.030 Plastic++	.030 Plastic++	60	75,90,105	300
SJTO*	18-10	2-6	.030 Plastic++	.030 Plastic++	60	75,90,105	300
S	18-2	2 or more	.030 Rubber++	.060 Rubber++	60	75	600
SO	18-2	2 or more	.030 Rubber++	.060 Neoprene++	60	75,90	600
ST	18-2	2 or more	.030 Plastic++	.060 Plastic++	60	75,90,105	600
STO*	18-2	2 or more	.030 Rubber++	.060 Plastic++	60	75,90,105	600
SRD‡	18-4	3 or 4	.045 Plastic	.060 Rubber	60	75,90,105	300
SRDT‡	18-4	3 or 4	.045 Rubber	.060 Plastic	60	90	300
HPN(Flat)	18-12	2+	.045 Neoprene++		90	75,90,105	300
HPD	18-12	2, 3, 4	.030 Rubber++	Yam Braid	90	75,90	300
HSJ	18-12	2, 3, 4	.030 Rubber++	.060 Rubber	90		300
HSJO	18-12	2, 3, 4	.030 Rubber++	.030 Neoprene	90		300
HSO	14-12	2, 3, 4	.045 Rubber	.060 Rubber	90		300
HSO	14-12	2, 3, 4	.045 Rubber	.060 Neoprene	90		300

\* Types SVO, SVTO, SJO, SJTO, STO, HSO, HPN have jackets which are also recognized for oil resistance at 60° C and lower temperatures.

\*\* Types SJ, SJO, SJTO, S, SO, ST, and STO may be made with water-resistant insulation with "WATER RESISTANT" printed on the jacket

\*\* Types SJO, SJT, SJTO, SO, ST, STO, SPT-1, and SPT-2 may be made for outdoor use, with "W-A" printed on the jacket.

\*\* Types TPT, SPT-1, SPT-2, SPT-3, HPN, SVO, SJO, STJO, SO, and STO (the parallel conductor types are limited to the two-conductor construction ) may be made in retractile form.

\*\* Types SV, SVO, SVT, SVTO, SJ, SJT, SJTO, SJTO< S, SO, and STO may be made with foil, serve, or braided shields under the jacket and are printed "SHIELDED".

\*\*\* Temperature ratings higher than 60°C are printed on jacket except for heater cordage TYPES HPN and HPD heater cordage are 90°C for core only, 60°C (or special 75°C and 90°C for jacket only).

+ Also recognized by Underwriter's Laboratories, Inc. In three conductors when the third conductor (with green Insulation) is used for appliance or equipment grounding.

+ = Insulation and jacket thickness depend on cord size. Thickness shown are for 18 and 16 AWG.

1 Note SRD or SRDT-3 conductor versions can be made in braidless parallel construction with 110" nominal insulation.