

UL CORD TYPE CONSTRUCTION & RATING

Cord Type	AWG Size Range	N. of Conductors	Conductor Insulation	Jaket	Temp Rating**		Voltage Rating
					Std.	Other	
TPT	27 (tinsel)	2	.030 Plastic		60		250
SP-1	18	2+	.030 Rubber		60		300
SPT-1	18	2+	.030 Plastic		60	75,90,105	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		300
SPT-3	18-10	2+	.060 Plastic ++		60	75,90,105	300
TS	27 (Tinsel)	2	.015 Rubber	.030 Rubber	60		125
TST	27 (Tinsel)	2	.015 Plastic	.030 Plastic	60		125
SV	18	2+	.015 Rubber	.030 Rubber	60	75,90	300
SVE	18-17	2+	.015 Elastomer	.030 Elastomer	105		300
SVEO	18-17	2+	.015 Elastomer	.030 Elastomer	105		300
SVO	18	2+	.015 Rubber	.030 Neoprene	60	75,90	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	2-4	.030 Rubber++	.030 Rubber++	60	75,90	300
SJE	18-10	2-5	.030 Elastomer	.030 Elastomer	105		300
SJEO	18-10	2-5	.030 Elastomer	.030 Elastomer	105		300
SJO	18-10	2-4	.030 Rubber++	.030 Neoprene	60	75,90,105	300
SJT	18-10	2-4	.030 Plastic ++	.030 Plastic	60	75,90,105	300
SJTO	18-10	2-4	.030 Plastic ++	.030 Plastic	60	75,90,105	300
S	18-2	2 or more	.030 Rubber++	.060 Rubber++	60	75,90	600
SE	18-2	2 or more	.030 Elastomer	.060 Elastomer	105		600
SEO	18-2	2 or more	.030 Elastomer	.060 Elastomer	105		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 Plastic ++	.060 Plastic ++	60	75,90,105	600
SRD±	10-4	3 or 4	.045 Plastic	.060 Rubber	60	75,90,105	300
SRDT±	10-4	3 or 4	.045 Rubber	.060 Plastic	60	90	300
HPN (Flat)	18-12	2+	.045 Neoprene+++		90	105	300
HSJ	18-12	2,3,4	.030 Neoprene	.030 Rubber	90		300
HSJO	18-12	2,3,4	.030 Neoprene++	.030 Neoprene	90		300
HS	14-12	2,3,4	.045 Neoprene++	.060 Rubber	90		300
HSO	14-12	2,3,4	.045 Neoprene++	.060 Neoprene	90		300

* Types SVO, SVTO, SJO, SJTO, SO, HSJO and HSO have jackets which are also recognized for oil resistance at 60°C and lower temperatures. Types SJ, SJO, SJT, SJTO, S, SO, ST, and STO may be made with water-resistant insulation with "WATER RESISTANT" printed on the jacket. Types SJ, SJO, SJT, SJTO, S, SO, ST, STO, SPT-1 and SPT-2 may be made for outdoor use, with "W-A" printed on the jacket after the Type designation (example): TYPE SJTW-A). Types TPT, SPT-1, SPT-2, SPT-3, HPN, SVO, SJO, SJT, SJTO, SO, ST AND STO (the parallel conductor types are limited to two-conductor construction) may be made in retractile form. Types SV, SVO, SVT, SVTO, SJ, SJO, SJT, SJTO, S, SO, ST and STO may be made with foil service, or braid shields under the jacket and are printed "SHIELDED". Types SJT, in 3 conductors may be made in special low leakage constructions for medical applications.

** Temperatures ratings higher than 60°C are printed on jacket except for heater cordage Type HPN 90°C or 105°C. HSJ, HSJO, HS and HSO heater cordage is rated 90°C r core only, while temperature printed on outside applies to jacket only.

+ Also recognized by Underwriters' 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. Thicknesses shown are for 18 and 16 AWG.

+++ HPN may use CPE (Chlorosulfonated polyethylene) to enhance color stability.

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