

CABLE DESCRIPTION

Trystar brand UL (2000V)/C(UL) 600V listed generator cable is constructed with a 30 ga. extra flexible Class K (ASTM-B) bare, annealed electrolytic copper. It is equipped with an added inner jacket for your safety. This separator is extruded in a high contrast color and applied between the conductor and outer sheath for increased insulation, added flexibility, and easily identifiable damage or wear. The outer jacket TYPE PPE (FT5) provides oil, water, acid, gas, ozone, resistance, flame retardant, durability, and extreme flexibility at all operating temperatures. Manufactured to (UL) and c(UL) standard 1650, MSHA listed, RoHS Compliant and surpasses NEC 400 requirements and may be used in any application where Type W, G, or G-GC cable is used.

TEMPERATURE RATING: -40°C TO +105°C
(UL Tested to + 90°C)

CONSTRUCTION: Rope stranded copper conductor with a colored safety separator. A braid separated the copper conductors from the exterior insulation. Jackets are reinforced by a braid.

SAMPLE PRINT: TRYPSTAR AWG 4/0 UL/C(UL)US
TRYPSTAR.COM MADE IN USA ><FT

USE: Uses include hooking up portable generators, portable power distribution equipment, industrial and mining applications, heavy duty service, motor, battery and generator leads.

JACKET CONSTRUCTION: Jacket made from Thermoplastic Elastomer (TPE)



SIZE	STRANDING/ CONSTRUCTION	CONDUCTOR NOMINAL OD (in)	NOMINAL FINISHED OD (in)	APPROXIMATE WEIGHT (lbs. / M ft)	AMPACITY
8	168 (7x24/30)	0.15	0.4851	162	80
6	266 (7x38/30)	0.192	0.525	197	105
4	420 (7x60/30)	0.252	0.582	204	125
2	665 (7x95/30)	0.32	0.65	315	190
1	836 (19x44/30)	0.36	0.7253	76	220
1/0	1064 (19x56/30)	0.397	0.775	480	260
2/0	1330 (19x70/30)	0.46	0.82	603	300
3/0	1691 (19x89/30)	0.51	0.88	716	350
4/0	2109 (19x111/30)	0.58	0.965	895	405

TEMPERATURE CORRECTION FACTORS ***

ADJUSTMENT FOR MORE THAN THREE CURRENT CARRYING CONDITIONS

*The values listed above are based upon ambient temperature @ 30°C (86°F). Values are for single conductors, where the individual conductor is not installed in raceways or physical contact with each other except in lengths not exceeding 24.0 inches.

**For ambient temperatures other than 30°C (86°F) multiply the allowable ampacities stated above by the appropriate conversion factor.

***Indented into sheath as follows: “(UL) TYPE PPE 90°C DRY 75°C WET SUN RES 2000V E204219 P-07-KA070022-MSHA AWG “CABLE SIZE” C(UL) PPC/ TPE FT5 90°C SUN RES 600V”. Trystar Portable Power Cable is listed for use in accordance with article 400 of the National Electric Code.

AMBIENT TEMP °C	FACTOR	AMBIENT TEMP °F	NUMBER OF CONDUCTORS	TEMPERATURE ADJUSTMENT
21-25	1.04	70-77	4-6	80%
26-30	1	78-86	7-9	70%
31-35	.96	87-95	10-20	50%
36-40	.91	96-104	21-30	45%
41-45	.87	105-113	31-40	40%
46-50	.82	114-122	41+	35%
51-55	.76	123-131	DERATING FOR CONDUIT OR TRAY APPLICATION	
56-60	.71	132-140		
61-65	.58	141-158		
71-80	.41	159-176		