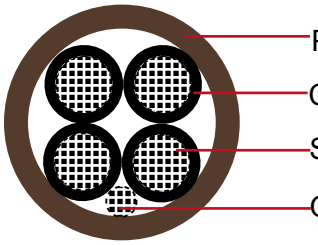
XHHW/PVC, 4-core, Type TC Power Cable

Applications:

XHHW/PVC, type TC Power Cable is used to supply power to motors, or for connection to other power devices in industrial settings. Primary installations include cable trays, raceways, and outdoor locations where supported by a messenger wire. Type TC Power Cable is listed for direct burial and for use in Class 1, Division 2 hazardous locations and Class 1 control circuits. This cable may be used in wet and dry locations at temperatures not to exceed 90°C.

Construction:



Conductor:
Stranded bare annealed copper
(Type XHHW-2)

Insulation: Flame-retardant and moisture resistant Cross-Linked Polyethylene (FRXLPE)

Ground Wire: bare annealed copper (Type XHHW-2)

Jacket: Flame retardant, moisture and sunlight resistant PVC (LSOH is available upon request)

Color: upon request, black is preferable

Compliances:

- UL 44 -Thermoset-Insulated Wires and Cables
- UL 1277 - Electrical Power and Control Tray Cables
- UL 1581 - Flame Exposure Test (VW-1)
- ICEA S-58-679 Method 4
- UL 1685 - Flame Exposure Test
- ICEA T-29-520 - Vertical Cable Tray Flame Test
- IEEE 383 (IEEE 1202/FT4) - Flame Test
- ICEA S-95-658 (NEMA WC 70) construction requirements

American Standard UL

Parameters:

AWG or kcmil	Strand	Ground Wire Size AWG	Nominal jacket Thickness Inch/mm		Nominal Overall Diameter Inch/mm		Cable Weight Lbs/kft kg/km	
8	7	10	0.060	1.52	0.747	18.97	404	601
6	7	8	0.080	2.03	0.882	22.40	613	912
4	7	8	0.080	2.03	0.917	23.29	802	1193
2	7	6	0.080	2.03	1.054	26.77	1191	1772
1	19	6	0.080	2.03	1.21	30.73	1503	2236
1/0	19	6	0.080	2.03	1.307	33.20	1806	2688
2/0	19	6	0.080	2.03	1.411	35.84	2199	3272
3/0	19	4	0.080	2.03	1.529	38.84	2744	4084
4/0	19	4	0.110	2.79	1.729	43.92	3449	5132
250	37	4	0.110	2.79	1.888	47.96	4030	5996
350	37	3	0.110	2.79	2.137	54.28	5453	8114
500	37	2	0.110	2.79	2.448	62.18	7562	11252