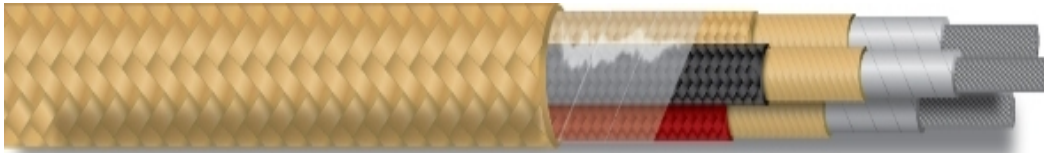




TGGTG Cables

TGGTG Power Cable - Premium High Temperature Cable
600 Volts, 250° C, #18 AWG - 4/0 AWG



DESCRIPTION:

Conductor:

Flexible stranded nickel plated, annealed copper.

Sizes:

#18 AWG - 4/0 AWG

Insulation:

PTFE Fluoropolymer tapes covered by wrapped fiberglass yarn. A fiberglass braid jacket is applied over the insulation, then treated with a high temperature saturant.

The conductors are cabled together with a left-hand lay. An overall fiberglass braid is then treated with a high temperature saturant.

APPROVALS:

UL approved lead wire 250°C.

APPLICATIONS:

Used in wiring equipment.



16 AWG				
Cond	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
2	.018	0.280	38	250°C
3	.018	0.300	57	250°C
4	.018	0.335	75	250°C
5	.018	0.370	93	250°C
7	.018	0.410	129	250°C
9	.018	0.500	165	250°C
12	.018	0.560	219	250°C
19	.025	0.675	342	250°C
24	.025	0.790	431	250°C
37	.025	0.905	659	250°C

14 AWG				
Cond	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
2	.018	0.310	50	250°C
3	.018	0.330	75	250°C
4	.018	0.370	99	250°C
5	.018	0.410	122	250°C
7	.018	0.455	172	250°C
9	.018	0.545	217	250°C
12	.025	0.615	293	250°C
19	.025	0.750	450	250°C
24	.025	0.895	579	250°C

P.O. Box 2005 - 160 South Hartman Street - York, PA 17403
 (717) 845-5100 - (800) 645-9473 - Fax (717) 848-6859



12 AWG				
Cond	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
2	.018	0.340	67	250°C
3	.018	0.365	101	250°C
4	.018	0.405	133	250°C
5	.018	0.450	166	250°C
7	.018	0.500	231	250°C
9	.025	0.605	296	250°C
12	.025	0.680	393	250°C
19	.025	0.815	618	250°C
24	.025	0.975	799	250°C

10 AWG				
Cond	Braid Jacket	Overall Diameter	Weight lbs/k ft	Temp Rating
2	.018	0.460	114	250°C
3	.018	0.495	170	250°C
4	.018	0.545	222	250°C
5	.025	0.630	292	250°C
7	.025	0.675	374	250°C
9	.025	0.820	485	250°C
12	.025	0.930	648	250°C

Dimensions and weights shown are nominal, subject to industry tolerances. Dimensions and weights for other cable configurations are available upon request.

P.O. Box 2005 - 160 South Hartman Street - York, PA 17403
 (717) 845-5100 - (800) 645-9473 - Fax (717) 848-6859