

200C/600V

TLC 200

TEEMING LADLE CAR CABLE

RATINGS / APPROVALS

200°C - 600 Volts

Passes the IEEE-383 Vertical Cable Tray Flame Test

Passes NEMA WC 3 Flame Propagation Test

RoHS Compliant

CONSTRUCTION

Conductors:

22 AWG - 2 AWG

Annealed tinned copper

Insulating System:

Extruded silicone rubber with fiberglass braid cover over each insulated conductor. K-2 color code. (Unless specified)

Binder Tapes:

PTFE Fluoropolymer tape.

Inner Reinforcement:

Inner reinforcement of stainless steel braid.

Overall Tapes:

Flame and molten-splash resistant tape.

Outer Covering:

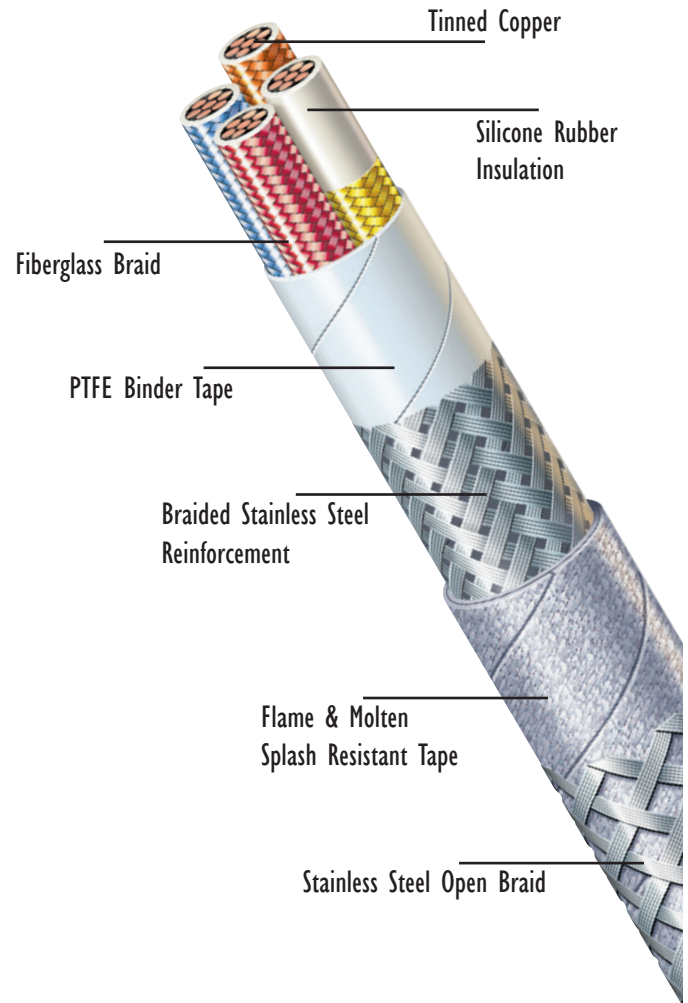
Outer stainless steel open braid reinforcement.

CHARACTERISTICS

- Silicone formulations suitable for UV, ozone, moisture exposure.
- Cable utilizes Radix "Torque Free" design. This eliminates memory found in traditional right hand or left hand twisted cables.
- Molten-splash tape provides extended flex life in splash environment.
- Suitable for applications to -60°C.
- Not recommended for outdoor use.

APPLICATION

TLC 200 is constructed for use in high temperature applications as a multiple conductor control cable where resistance to abrasion, moisture, hot material spills and mechanical abuse are desired. This wire is used in steel plants, as teeming ladle transfer car cable. Flame and molten flash resistant tape extends cable life.



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SPECIFICATIONS

TLC 200 TEEMING LADLE CAR CABLE

TLC 200 200C/600V

Part Number	AWG Size	# Strands.	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft	Wgt - kg per km
KR14GT03S	14	41	3	0.554	14.07	193.54	288.03
KR14GT04S	14	41	4	0.598	15.19	226.18	336.61
KR14GT05S	14	41	5	0.666	16.92	292.85	435.83
KR14GT06S	14	41	6	0.719	18.26	326.88	486.47
KR12GT02S	12	65	2	0.562	14.27	186.44	277.47
KR12GT03S	12	65	3	0.591	15.01	232.07	345.38
KR12GT04S	12	65	4	0.640	16.26	274.50	408.52
KR12GT05S	12	65	5	0.712	18.08	349.96	520.82
KR12GT06S	12	65	6	0.771	19.58	411.84	612.92
KR10GT02S	10	105	2	0.608	15.44	229.85	342.07
KR10GT03S	10	105	3	0.641	16.28	288.16	428.85
KR10GT04S	10	105	4	0.709	18.01	370.35	551.17
KR10GT05S	10	105	5	0.774	19.66	453.28	674.59
KR10GT06S	10	105	6	0.839	21.31	523.36	778.88
KR08ET02S	8	133	2	0.820	20.83	396.56	590.18
KR08ET03S	8	133	3	0.867	22.02	497.84	740.90
KR08ET04S	8	133	4	0.946	24.03	610.28	908.24
KR08ET05S	8	133	5	1.041	26.44	740.69	1,102.32
KR08ET06S	8	133	6	1.136	28.85	865.83	1,288.56
KR06ET02S	6	133	2	0.914	23.22	493.70	734.74
KR06ET03S	6	133	3	0.968	24.59	655.55	975.61
KR06ET04S	6	133	4	1.059	26.90	806.21	1,199.83
KR06ET05S	6	133	5	1.168	29.67	980.65	1,459.44
KR06ET06S	6	133	6	1.277	32.44	1,136.60	1,691.53
KR04ET02S	4	133	2	1.023	25.98	657.03	977.82
KR04ET03S	4	133	3	1.085	27.56	863.09	1,284.48
KR04ET04S	4	133	4	1.190	30.23	1,087.72	1,618.78
KR04ET05S	4	133	5	1.315	33.40	1,315.46	1,957.72
KR04ET06S	4	133	6	1.440	36.58	1,552.63	2,310.68

Standard conductor: Tinned Copper

Optional Lead Construction: Composite extruded silicone rubber with intermediate fiberglass reinforcement (Sil-A-Blend®)

Consult factory for alternate conductor and stranding options.



WIRE & CABLE

EST. 1944

All dimensions listed above are nominal

Information included in this catalog is intended as a guideline only. For applications that require tight tolerances, please contact the Radix factory for dimensional verification. Information herein is believed to be accurate as of publication date; however, if an error exists it is unintentional and Radix Wire & Cable is not responsible for any claim traceable to such error.

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