

200C/600V

SKS SOAKING PIT HIGH-TEMPERATURE CABLE

RATINGS / APPROVALS

200°C – 600 Volts

Passes NEMA WC 3 Flame Propagation Test

Passes IEEE-383 Vertical Cable Tray Flame Test

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)

Overall Binder Tapes

PTFE Fluoropolymer tape.

Inner Covering

Inner braid Jacket of aramid K-fibers with moisture, flame and heat resistant finish.

Outer Covering

Braided stainless steel wire armor overall.

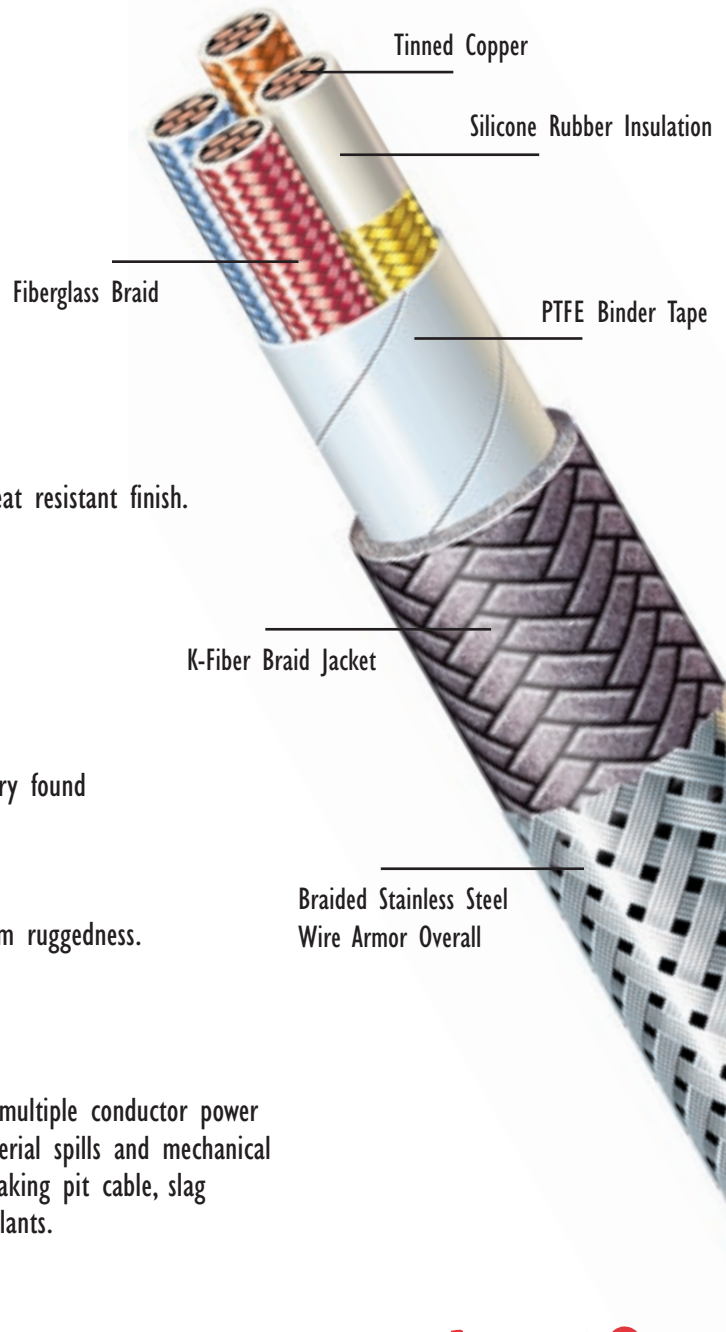
CHARACTERISTICS

- 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.
- Suitable for applications to -40°C.
- Binder tape provides moisture resistance.
- Aramid K-fiber braid and stainless steel jacket provide maximum ruggedness.
- Not recommended for outdoor use.

APPLICATION

SKS is constructed for use in high temperature applications as a multiple conductor power and control cable where resistance to abrasion, moisture, hot material spills and mechanical abuse are desired. This cable is widely used in steel plants, as soaking pit cable, slag and teeming ladle car cable, overhead crane cable and in glass plants.

ISO 9001:2000
CERTIFIED



Radix™

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SPECIFICATIONS

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Part No.	Awg. Size	# Strands	# Leads	Outer Dia. inches	Outer Dia. mm	Wgt - lbs per 1000 ft.	Wgt - kg per km
KSI8GT02S	18	16	2	0.359	9.12	83.88	124.83
KSI8GT03S	18	16	3	0.376	9.55	101.14	150.52
KSI8GT04S	18	16	4	0.406	10.31	115.90	172.49
KSI8GT05S	18	16	5	0.442	11.23	136.31	202.86
KSI8GT06S	18	16	6	0.494	12.55	161.20	239.90
KSI6GT02S	16	26	2	0.380	9.65	98.36	146.38
KSI6GT03S	16	26	3	0.399	10.13	116.87	173.93
KSI6GT04S	16	26	4	0.431	10.95	136.19	202.68
KSI6GT05S	16	26	5	0.482	12.24	166.03	247.09
KSI6GT06S	16	26	6	0.532	13.51	193.82	288.45
KSI4GT02S	14	41	2	0.479	12.17	136.78	203.56
KSI4GT03S	14	41	3	0.513	13.03	172.85	257.24
KSI4GT04S	14	41	4	0.575	14.61	229.81	342.01
KSI4GT05S	14	41	5	0.639	16.23	269.75	401.45
KSI4GT06S	14	41	6	0.691	17.55	306.67	456.40
KSI2GT02S	12	65	2	0.522	13.26	166.21	247.36
KSI2GT03S	12	65	3	0.568	14.43	236.51	351.98
KSI2GT04S	12	65	4	0.628	15.95	278.94	415.13
KSI2GT05S	12	65	5	0.685	17.40	327.05	486.73
KSI2GT06S	12	65	6	0.725	18.42	369.45	549.83
KSI2GT12S	12	65	12	0.947	24.05	637.65	948.97
KSI2GT20S	12	65	20	1.173	29.79	982.46	1,462.13
KSI0GT02S	10	105	2	0.584	14.83	232.38	345.84
KSI0GT03S	10	105	3	0.629	15.98	292.51	435.32
KSI0GT04S	10	105	4	0.682	17.32	347.50	517.16
KSI0GT05S	10	105	5	0.729	18.52	410.75	611.29
KSI0GT06S	10	105	6	0.797	20.24	478.07	711.48
KS08ET03S	8	133	3	0.824	20.93	451.48	671.91
KS08ET04S	8	133	4	0.901	22.89	562.25	836.76
KS06ET03S	6	133	3	0.923	23.44	597.72	889.55
KS06ET04S	6	133	4	1.012	25.70	749.15	1,114.91

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.

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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 Company, Inc. is not responsible for any claim traceable to such error.



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