

IGNITION AND HIGH VOLTAGE WIRE

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TRADEMARK	CONDUCTOR	INSULATION	AWG SIZE	WALL THICKNESS
QS TECH® HV	BC - TPC - NPC - SPC	PE - PVC - PVC 105 °C - TPE	32 - 18	.050" to .100"
SILIFLON® HV	BC - TPC - NPC - SPC	ETFE - FEP - PFA - TFE	32 - 18	.020" to .100"

Voltage: ignition wire for 3000 to 15000 V A.C. **Impulse for high voltage continuous:** consult us.

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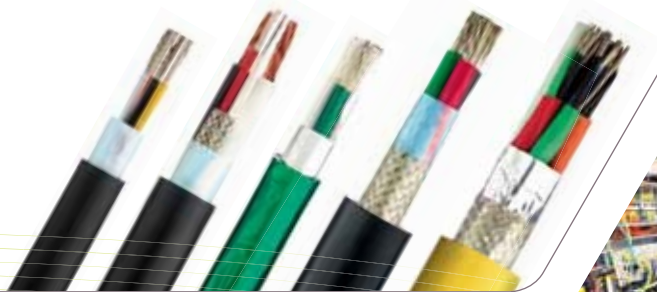
TRADEMARK	CONDUCTOR	INSULATION	AWG SIZE ⁽¹⁾	ELECTRICAL SHIELDING ⁽²⁾	JACKET
QS TECH®	2 - 80 COND 1 - 36 pairs	Thermoplastic	24 - 14 28 - 14	Optional	Thermoplastic
QS TECH®	2 - 80 COND 1 - 36 pairs	Fluoropolymer	24 - 14 28 - 14	Optional	Thermoplastic
SILIFLON®	2 - 80 COND 1 - 36 pairs	Fluoropolymer	24 - 14 28 - 14	Optional	Fluoropolymer

⁽¹⁾Other sizes: contact us. ⁽²⁾Copper braid or aluminum / mylar tape + drain wire. Electrical shielding of each pair and/or general.

TRADEMARK	REF	INSULATION	AWG SIZE	ELECTRICAL SHIELDING	JACKET
SILIFLON®	STJ	Ext. PTFE	32 - 10	SPC braid	PTFE tape
SILIFLON®	SFJ	Ext. PTFE	32 - 10	SPC braid	FEP

TRADEMARK	STYLE	INSULATION	TEMP. RATING	VOLTAGE RATING	CABLE O.D.	MIN AVG WALL	MIN ANY POINT
SILIFLON®	UL 2747	Multi-COND Shielded & FEP jacket	150 °C	300 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.020" .030" .045" .060" .090"	.018" .026" .040" .055" .082"
SILIFLON®	UL 2748	Multi-COND Shielded & FEP jacket	150 °C	600 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.020" .030" .045" .060" .090"	.018" .026" .040" .055" .082"
SILIFLON®	UL 2749	Multi-COND Shielded & FEP jacket	200 °C	300 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.020" .030" .045" .060" .090"	.018" .026" .040" .055" .082"

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TRADEMARK	STYLE	INSULATION	TEMP. RATING	VOLTAGE RATING	CABLE O.D.	MIN AVG WALL	MIN ANY POINT
SILIFLON®	UL 2750	Multi-COND Shielded & FEP jacket	200 °C	600 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.020" .030" .026" .045" .040" .060" .055" .090" .082"	.018" .026" .040" .055" .082"
SILIFLON®	UL 5316	CBL - NPC shield Fiberglass tape - PTFE tape	250 °C	300 V	N/S	.010"	.008"
SILIFLON®	UL 5318	CBL - NPC shield Fiberglass tape - PTFE tape	250 °C	600 V	N/S	.010"	.008"
SILIFLON®	UL 20229	FEP jacket	150 °C	300 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.025" .030" .045" .060" .080"	.020" .024" .036" .048" .064"
SILIFLON®	UL 20230	FEP jacket	150 °C	600 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.030" .045" .055" .065" .080"	.024" .036" .044" .050" .064"
SILIFLON®	UL 20231	FEP jacket	150 °C	N/S	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.025" .030" .045" .060" .080"	.020" .024" .036" .048" .064"
SILIFLON®	UL 20232	FEP jacket	150 °C	30 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.025" .030" .045" .060" .080"	.020" .024" .036" .048" .064"
QS TECH®	UL 20233	TPU jacket	80 °C	300 V	.700" or less .701" - 1.000" 1.001" - 1.500" 1.501" - 2.500" 2.501" - 4.000" 4.001" and up	.030" .045" .060" .080" .110" .140"	.024" .036" .048" .064" .088" .112"
QS TECH®	UL 20234	TPU jacket	80 °C	600 V 1000 V	.700" or less .701" - 1.000" 1.001" - 1.500" 1.501" - 2.500" 2.501" and up	.045" .060" .080" .110" .140"	.036" .048" .064" .088" .112"
QS TECH®	UL 20235	TPU jacket	80 °C	N/S	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.045" .060" .080" .110" .140"	.036" .048" .064" .088" .112"
QS TECH®	UL 20236	TPU jacket	80 °C	30 V	.700" or less .701" - 1.000" 1.001" - 1.500" 1.501" - 2.500" 2.501" - 4.000" 4.001" and up	.030" .045" .060" .080" .110" .140"	.024" .036" .048" .064" .088" .112"
QS TECH®	UL 20237	TPR jacket	125 °C	300 V	.700" or less .701" - 1.000" 1.001" - 1.500" 1.501" - 2.500" 2.501" - 4.000" 4.001" and up	.030" .045" .060" .080" .110" .140"	.024" .036" .048" .064" .088" .112"

Legend: BC: Bare copper; TPC: Tin-plated copper; NPC: Nickel-plated copper;
SPC: Silver-plated copper; AVG: Average; JKT: Jacket; CBLs: Cables;
COND: Conductor(s); N/S: Not specified; SS: Stainless steel; WT: Wall diameter
OD: Outside diameter; Ext.: Extruded



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TRADEMARK	STYLE	INSULATION	TEMP. RATING	VOLTAGE RATING	CABLE O.D.	MIN AVG WALL	MIN ANY POINT
QS TECH®	UL 20238	TPR jacket	125 °C	600 V	.700" or less .701" - 1.000" 1.001" - 1.500" 1.501" - 2.500" 2.501" and up	.045" .060" .080" .110" .140"	.036" .048" .064" .088" .112"
SILIFLON®	UL 20368	FEP jacket	200 °C	300 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.025" .030" .045" .060" .080"	.020" .024" .036" .048" .064"
SILIFLON®	UL 20369	FEP jacket	200 °C	600 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.025" .033" .045" .060" .080"	.020" .024" .036" .048" .064"
SILIFLON®	UL 20370	FEP jacket	200 °C	N/S	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.025" .030" .045" .060" .080"	.020" .024" .036" .048" .064"
SILIFLON®	UL 20371	FEP jacket	200 °C	30 V	.425" or less .426" - .700" .701" - 1.500" 1.501" - 2.500" 2.501" and up	.025" .030" .045" .060" .080"	.020" .024" .036" .048" .064"
QS TECH®	UL 20669	TPU jacket	90 °C	30 V - 600 V	.700" or less .701" - 1.000" 1.001" - 1.500" 1.501" - 2.500" 2.501" and up	.045" .060" .080" .110" .140"	.036" .048" .064" .088" .112"
QS TECH®	UL 20950	TPU jacket	90 °C	300 V	1.000" or less 1.001" - 1.500" 1.501" - 2.500" 2.501" - 4.000" 4.001" and up	.045" .060" .080" .110" .140"	.036" .048" .064" .088" .112"
QS TECH®	UL 20951	TPU jacket	105 °C	300 V	1.000" or less 1.001" - 1.500" 1.501" - 2.500" 2.501" - 4.000" 4.001" and up	.045" .060" .080" .110" .140"	.036" .048" .064" .088" .112"
QS TECH®	UL 20952	TPU jacket	105 °C	600 V	.700" or less .701" - 1.000" 1.001" - 1.500" 1.501" - 2.500" 2.501" and up	.045" .060" .080" .110" .140"	.036" .048" .064" .088" .112"
QS TECH®	UL 21812	PVC jacket	80 °C	300 V	.700" or less .701" - 1.000" 1.001" - 1.500" 1.501" - 2.500"	.038" .045" .060" .080"	.030" .036" .048" .064"
QS TECH®	UL 21813	PVC jacket	80 °C	300 V	N/S	.038	.030