



SRINI LINK®

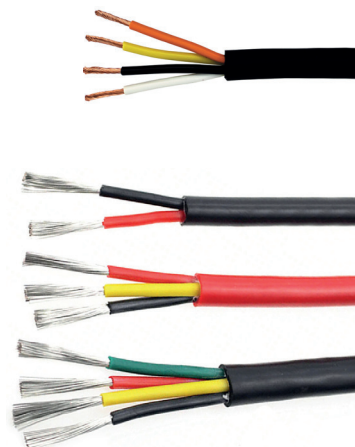
Mfg. of Wires & Cables 

CONNECT YOUR FUTURE

UL - 758

APPLIANCE WIRING MATERIAL - COMPONENT

File No.: AVL V2.E321914



ANNEALED BARE COPPER OR TINNED STRANDED COPPER CONDUCTOR WITH EXTRUDED PVC INSULATION

Style No. : 1007 Single conductor cable used as **internal wiring** for appliances and electronic equipment

Wire Temperature Rating: 80 deg C, 300 Vac, Horizontal flame. Optional — 60 deg C or 80 deg C for oil.

Conductor: 32 AWG to 16 AWG (solid or stranded as per buyer & seller agreement)

Style No. : 1015 Single conductor cable used as **internal wiring** for appliances and electronic

Wire Temperature Rating: 80, 90 or 105 deg C, 600 Vac or 750 Vdc, Horizontal flame. Optional — 60 or 80 deg C for oil.

Conductor: 30 AWG to 2000 kcmil (solid or stranded as per buyer & seller agreement)

Style No. : 1569 Single conductor cable used as **internal wiring** for appliances and electronic

Wire Temperature Rating: 80, 90 or 105 deg C, 300 Vac, Horizontal flame.

Conductor: 30 AWG to 2 AWG, (solid or stranded as per buyer & seller agreement)

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UL 758 APPLIANCE WIRING MATERIAL COMPONENTS FOR US & CANADA

TECHNICAL SPECIFICATION: (Generally conforming to UL : 758)

AWG	Area of Conductor	Structure A ^a Number / Diameter of Wire	Structure B ^{at} Number / Diameter of Wire	Style No. 1007 80°C 300 V		Style No. 1015 80°C, 90°C, 105°C 600 V AC / 750 V DC		Style No. 1569 80°C, 90°C, 105°C 300 V	
				Nominal Thickness of Insulation	Over All Diameter (Max)	Nominal Thickness of Insulation	Over All Diameter (Max)	Nominal Thickness of Insulation	Over All Diameter (Max)
	Sq.mm	mm	mm	mm	mm	mm	mm	mm	mm
32	0.0324	5/0.100	5/0.100	0.40	1.05	-	-	-	-
31	0.0401	6/0.100	6/0.100	0.40	1.10	-	-	-	-
30	0.0507	7/0.100	7/0.100	0.40	1.12	0.80	1.95	0.40	1.12
29	0.0647	4/0.150	4/0.150	0.40	1.15	0.80	2.00	0.40	1.15
28	0.0804	5/0.150	5/0.150	0.40	1.20	0.80	2.05	0.40	1.20
27	0.102	5/0.165	5/0.165	0.40	1.25	0.80	2.10	0.40	1.25
26	0.128	7/0.155	7/0.155	0.40	1.30	0.80	2.15	0.40	1.30
25	0.162	8/0.165	8/0.165	0.40	1.35	0.80	2.20	0.40	1.35
24	0.205	8/0.185	8/0.185	0.40	1.40	0.80	2.25	0.40	1.40
23	0.259	16/0.150	6/0.250	0.40	1.50	0.80	2.30	0.40	1.50
22	0.324	12/0.193	10/0.204	0.40	1.60	0.80	2.40	0.40	1.60
21	0.412	15/0.193	16/0.190	0.40	1.65	0.80	2.50	0.40	1.65
20	0.519	16/0.205	10/0.260	0.40	1.75	0.80	2.60	0.40	1.75
19	0.653	16/0.240	14/0.260	0.42	2.05	0.80	2.70	0.42	2.05
18	0.823	16/0.256	16/0.256	0.42	2.10	0.80	2.85	0.42	2.10
17	1.04	32/0.205	20/0.260	0.42	2.30	0.80	3.00	0.42	2.30
16	1.31	30/0.240	26/0.260	0.42	2.45	0.80	3.15	0.42	2.45
15	1.65	32/0.260	32/0.260	-	-	0.80	3.40	0.42	2.60
14	2.08	48/0.240	40/0.260	-	-	0.80	3.55	0.55	3.05
13	2.63	64/0.235	51/0.260	-	-	0.80	3.80	0.55	3.30
12	3.31	64/0.260	64/0.260	-	-	0.80	4.10	0.55	3.60
11	4.17	64/0.295	64/0.295	-	-	0.80	4.35	0.80	4.40
10	5.261	80/0.295	80/0.295	-	-	0.80	4.75	0.80	4.75
9	6.631	112/0.285	112/0.285	-	-	1.18	6.00	0.80	5.15
8	8.367	112/0.310	67/0.400	-	-	1.18	6.25	0.80	5.50
7	10.55	144/0.310	85/0.400	-	-	1.55	7.50	1.18	6.80
6	13.30	168/0.320	106/0.400	-	-	1.55	8.05	1.18	7.30
5	16.77	224/0.310	134/0.400	-	-	1.55	8.60	1.18	7.90
4	21.15	168/0.400	168/0.400	-	-	1.55	9.30	1.18	8.50
3	26.67	224/0.395	182/0.430	-	-	1.55	10.10	1.18	9.40
2	33.62	448/0.310	238/0.430	-	-	1.55	11.00	1.18	10.15
1	42.41	608/0.300	342/0.400	-	-	2.05	12.90	-	-
1/0	53.49	304/0.475	437/0.395	-	-	2.05	13.90	-	-
2/0	67.43	608/0.380	380/0.480	-	-	2.05	15.20	-	-
3/0	85.01	608/0.425	475/0.480	-	-	2.05	16.50	-	-
4/0	107.2	608/0.475	589/0.480	-	-	2.05	18.00	-	-
250	127	912/0.425	703/0.480	-	-	2.45	20.15	-	-
300	152	1216/0.400	836/0.480	-	-	2.45	21.40	-	-
350	177	1216/0.430	972/0.482	-	-	2.45	22.65	-	-
400	203	1824/0.375	1110/0.482	-	-	2.45	23.90	-	-

MULTI-CONDUCTOR ANNEALED BARE COPPER OR TINNED STRANDED COPPER CONDUCTOR WITH EXTRUDED PVC INSULATION & NON INTEGRAL JACKET (SHEATH)

Use of Style 2129 Multi-conductor cable used as **internal wiring** for appliances and electronic equipment
Wire Temperature Rating: 60, 80, 90 or 105 deg C, 600 or 1000 Vac, Horizontal flame.
Conductor: 28 AWG to 9 AWG (solid or stranded as per buyer & seller agreement)
Shield: Optional (As per customer requirement)

Use of Style 2464 Multi-conductor cable used as **internal wiring or external interconnection** of electronic equipment (such as instrumentation, industrial automation & process control application)
Wire Temperature Rating: 80 deg C, 300 Vac, cable flame
Conductor: Labeled or complying with manufacturer's AWM procedure
Shield: Optional (As per customer requirement)
Braid: Optional (As per customer requirement)

TECHNICAL SPECIFICATION: (Generally conforming to UL : 2129)

AWG	Area of Conductor	Structure A ^a Number / Diameter of Wire	Structure B ^a Number / Diameter of Wire	Nominal Thickness Insulation	Over All Dia. of Insulation (Max.)	Nominal Thickness of Sheath / (Max) Diameter Of Sheath		
	Sq.mm	mm	mm	mm	mm	Two Core	Three Core	Four Core
32	0.0324	5/0.100	5/0.100	0.8	1.85	0.8 / 5.35	0.8 / 5.70	0.8 / 6.45
31	0.0401	6/0.100	6/0.100	0.8	1.90	0.8 / 5.40	0.8 / 5.80	0.8 / 6.55
30	0.0507	7/0.100	7/0.100	0.8	1.95	0.8 / 5.45	0.8 / 5.85	0.8 / 6.60
29	0.0647	4/0.150	4/0.150	0.8	2.00	0.8 / 5.55	0.8 / 5.90	0.8 / 6.70
28	0.0804	5/0.150	5/0.150	0.8	2.05	0.8 / 5.60	0.8 / 6.00	0.8 / 6.80
27	0.102	5/0.165	5/0.165	0.8	2.10	0.8 / 5.70	0.8 / 6.05	0.8 / 6.90
26	0.128	7/0.155	7/0.155	0.8	2.15	0.8 / 5.75	0.8 / 6.20	0.8 / 7.00
25	0.162	8/0.165	8/0.165	0.8	2.20	0.8 / 6.30	0.8 / 6.30	0.8 / 7.15
24	0.205	8/0.185	8/0.185	0.8	2.25	0.8 / 6.00	0.8 / 6.50	0.8 / 7.35
23	0.259	16/0.150	6/0.250	0.8	2.30	0.8 / 6.14	0.8 / 6.60	0.8 / 7.55
22	0.324	12/0.193	10/0.204	0.8	2.40	0.8 / 6.30	0.8 / 6.80	0.8 / 7.70
21	0.412	15/0.193	16/0.190	0.8	2.50	0.8 / 6.50	0.8 / 7.00	0.8 / 8.00
20	0.519	16/0.205	10/0.260	0.8	2.60	0.8 / 6.70	0.8 / 7.25	0.8 / 8.25
19	0.653	16/0.240	14/0.260	0.8	2.70	0.8 / 7.00	0.8 / 7.50	0.8 / 8.60
18	0.823	16/0.256	16/0.256	0.8	2.85	0.8 / 7.20	0.8 / 7.80	0.8 / 8.90
17	1.04	32/0.205	20/0.260	0.8	3.00	0.8 / 7.50	0.8 / 8.10	0.8 / 9.30
16	1.31	30/0.240	26/0.260	0.8	3.15	0.8 / 7.90	0.8 / 8.50	0.8 / 9.75
15	1.65	32/0.260	32/0.260	0.8	3.40	0.8 / 8.20	0.8 / 8.85	0.8 / 10.20
14	2.08	48/0.240	40/0.260	0.8	3.55	0.8 / 8.60	0.8 / 9.30	0.8 / 10.70
13	2.63	64/0.235	51/0.260	0.8	3.80	0.8 / 9.10	0.8 / 9.85	0.8 / 11.35
12	3.31	64/0.260	64/0.260	0.8	4.10	0.8 / 9.65	0.8 / 10.45	0.8 / 12.05
11	4.17	64/0.295	64/0.295	0.8	4.35	0.8 / 10.20	0.8 / 11.05	0.8 / 12.80
10	5.261	80/0.295	80/0.295	0.8	4.75	0.8 / 10.90	0.8 / 11.85	0.8 / 13.70
9	6.631	112/0.285	112/0.285	0.8	6.00	0.8 / 11.70	0.8 / 12.70	0.8 / 14.70

LIST OF OUR END USER CUSTOMERS

TIER 1 CUSTOMERS



AUTOMOBILE



PANEL & SWITCH BOARD



POWER DISTRIBUTION



APPLIANCES



MEDICAL EQUIPMENT



CONSTRUCTION EQUIPMENT



APPROVAL



SRiNi LiNK

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