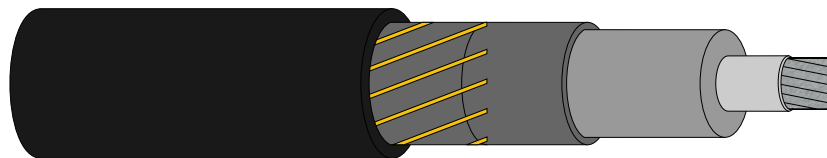


CONDUMEX VULCANEL CABLE

Primary URD 15 KV 100% Insulation Level

1.75 Mils EPR Insulation



**CONDUMEX
WIRE AND CABLE**

Aluminum Conductor, Compressed Hard-drawn, EC-1350 Alloy

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	10	14	0.29	0.69	0.75	0.88	0.98	62.2	132.1	455	518
1	19 wire	13	14	0.33	0.73	0.80	0.93	1.03	79.0	172.0	536	600
1/0	19 wire	16	14	0.37	0.77	0.84	0.97	1.07	98.8	212.0	615	680
2/0	19 wire	20	12	0.42	0.82	0.88	1.01	1.11	124.6	273.0	732	810
3/0	19 wire	16	12	0.47	0.87	0.93	1.10	1.20	157.5	338.0	848	927
4/0	19 wire	20	12	0.53	0.93	0.99	1.15	1.26	198.2	425.0	1009	1090

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	6	14	0.29	0.69	0.75	0.88	0.98	62.2	79.3	403	466
1	19 wire	6	14	0.33	0.73	0.80	0.93	1.03	79.0	79.4	443	507
1/0	19 wire	6	14	0.37	0.77	0.84	0.97	1.07	98.8	79.5	482	547
2/0	19 wire	7	14	0.42	0.82	0.88	1.01	1.11	124.6	93.1	552	630
3/0	19 wire	9	14	0.47	0.87	0.93	1.10	1.20	157.5	120.2	630	709
4/0	19 wire	11	14	0.53	0.93	0.99	1.13	1.23	198.2	152.4	737	818
250	37 wire	13	14	0.57	0.99	1.05	1.17	1.27	234.5	181.0	849	959
350	37 wire	11	12	0.68	1.09	1.19	1.36	1.46	327.9	240.0	1111	1253
500	37 wire	16	12	0.81	1.22	1.33	1.49	1.59	468.3	350.0	1442	1590
750	61 wire	15	10	0.99	1.41	1.52	1.72	1.89	702.5	501.7	1959	2149
1000	61 wire	20	10	1.14	1.57	1.71	1.92	2.03	936.8	705.6	2524	2727

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

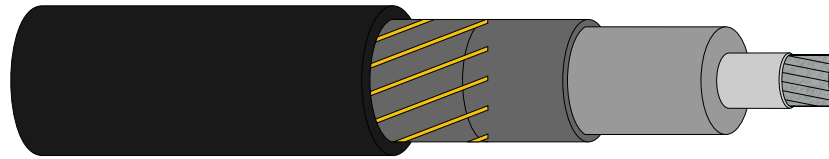
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Ethylene Propylene Rubber (EPR) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 15 KV 133% Insulation Level

220 Mils EPR Insulation



**CONDUMEX
WIRE AND CABLE**

Aluminum Conductor, Compressed Hard-drawn, EC-1350 Alloy

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	10	14	0.29	0.78	0.84	0.97	1.075	62.2	132.1	534	603
1	19 wire	13	14	0.33	0.83	0.89	1.02	1.121	79.0	172.0	606	676
1/0	19 wire	16	14	0.37	0.87	0.93	1.06	1.161	98.8	212.0	691	764
2/0	19 wire	20	12	0.42	0.91	0.98	1.10	1.207	124.6	273.0	808	895
3/0	19 wire	16	12	0.47	0.96	1.03	1.19	1.291	157.5	338.0	926	1015
4/0	19 wire	20	12	0.53	1.02	1.12	1.29	1.386	198.2	425.0	1135	1228

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	6	14	0.29	0.78	0.84	0.97	1.075	62.2	79.3	482	551
1	19 wire	6	14	0.33	0.83	0.89	1.02	1.121	79.0	79.4	513	583
1/0	19 wire	6	14	0.37	0.87	0.93	1.06	1.161	98.8	79.5	558	631
2/0	19 wire	7	14	0.42	0.91	0.98	1.10	1.207	124.6	93.1	628	715
3/0	19 wire	9	14	0.47	0.96	1.03	1.19	1.291	157.5	120.2	708	797
4/0	19 wire	11	14	0.53	1.02	1.12	1.27	1.369	198.2	152.4	863	956
250	37 wire	13	14	0.57	1.08	1.18	1.37	1.469	234.5	181.0	978	1092
350	37 wire	11	12	0.68	1.18	1.29	1.45	1.552	327.9	240.0	1219	1369
500	37 wire	16	12	0.81	1.31	1.42	1.58	1.746	468.3	350.0	1555	1715
750	61 wire	15	10	0.99	1.51	1.61	1.81	1.980	702.5	501.7	2144	2349
1000	61 wire	20	10	1.14	1.66	1.81	2.01	2.175	936.8	705.6	2667	2882

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

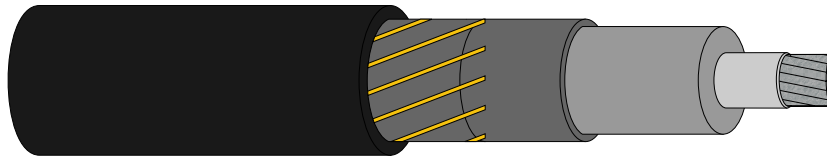
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Ethylene Propylene Rubber (EPR) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 25 KV 100% Insulation Level

260 Mills EPR Insulation



**CONDUMEX
WIRE AND CABLE**

Aluminum Conductor, Compressed Hard-drawn, EC-1350 Alloy

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1	19 wire	13	14	0.33	0.91	0.97	1.10	1.20	79.0	172.0	676	757
1/0	19 wire	16	14	0.37	0.95	1.01	1.14	1.24	96.8	212.0	762	845
2/0	19 wire	13	12	0.42	0.99	1.06	1.19	1.29	124.6	273.0	886	986
3/0	19 wire	16	12	0.47	1.04	1.15	1.31	1.41	157.5	338.0	1038	1141
4/0	19 wire	20	12	0.53	1.10	1.21	1.37	1.47	198.2	425.0	1233	1340

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1	19 wire	6	14	0.33	0.91	0.97	1.10	1.20	79.0	79.4	583	664
1/0	19 wire	6	14	0.37	0.95	1.01	1.14	1.24	98.8	79.5	629	712
2/0	19 wire	7	14	0.42	0.99	1.06	1.19	1.29	124.6	93.1	706	806
3/0	19 wire	9	14	0.47	1.04	1.15	1.31	1.41	157.5	120.2	820	923
4/0	19 wire	11	14	0.53	1.10	1.21	1.37	1.47	198.2	152.4	961	1068
250	37 wire	13	14	0.57	1.16	1.26	1.47	1.57	234.5	181.0	1086	1229
350	37 wire	11	12	0.68	1.26	1.40	1.53	1.70	327.9	240.0	1328	1500
500	37 wire	16	12	0.81	1.40	1.50	1.66	1.83	468.3	350.0	1681	1865
750	61 wire	15	10	0.99	1.59	1.73	1.94	2.10	702.5	501.7	2294	2528
1000	61 wire	20	10	1.14	1.74	1.89	2.09	2.26	936.8	705.6	2827	3072

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

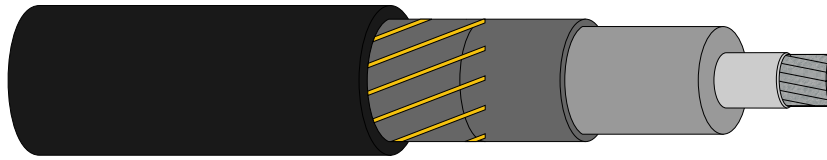
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Ethylene Propylene Rubber (EPR) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 35 KV 100% Insulation Level

345 Mills EPR Insulation



CONDUMEX
WIRE AND CABLE

Aluminum Conductor, Compressed Hard-drawn, EC-1350 Alloy

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1/0	19 wire	16	14	0.37	1.12	1.23	1.35	1.46	98.8	212.0	968	1068
2/0	19 wire	13	12	0.42	1.17	1.27	1.40	1.50	124.6	273.0	1105	1224
3/0	19 wire	16	12	0.47	1.22	1.32	1.48	1.59	157.5	338.0	1236	1356
4/0	19 wire	20	12	0.53	1.26	1.38	1.54	1.71	198.2	425.0	1433	1558

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1/0	19 wire	6	14	0.37	1.12	1.23	1.35	1.46	98.8	79.5	835	935
2/0	19 wire	7	14	0.42	1.17	1.27	1.40	1.50	124.6	93.1	925	10444
3/0	19 wire	9	14	0.47	1.22	1.32	1.48	1.59	157.5	120.2	1018	1138
4/0	19 wire	11	14	0.53	1.28	1.38	1.54	1.71	198.2	152.4	1161	1286
250	37 wire	13	14	0.57	1.33	1.44	1.64	1.81	234.5	181.0	1301	1484
350	37 wire	11	12	0.68	1.44	1.54	1.70	1.89	327.9	240.0	1558	1752
500	37 wire	16	12	0.81	1.57	1.72	1.88	2.04	468.3	350.0	2003	2213
750	61 wire	15	10	0.99	1.76	1.93	2.11	2.28	702.5	501.7	2590	2850
1000	61 wire	20	10	1.14	1.92	2.06	2.27	2.43	936.8	705.6	3143	3415

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

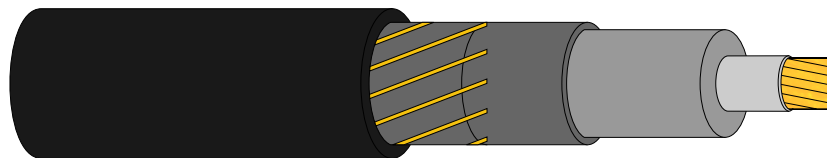
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Ethylene Propylene Rubber (EPR) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 15 KV 100% Insulation Level

1.75 Mils EPR Insulation



**CONDUMEX
WIRE AND CABLE**

Copper Conductor, Compressed Soft-drawn, Bare

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	10	14	0.29	0.69	0.75	0.88	0.98	204.9	210.9	677	740
1	19 wire	13	12	0.33	0.73	0.80	0.93	1.03	258.4	267.8	811	875
1/0	19 wire	16	12	0.37	0.77	0.84	0.97	1.07	325.8	330.3	960	1025
2/0	19 wire	20	12	0.42	0.82	0.88	1.01	1.11	410.9	421.4	1116	1244
3/0	19 wire	16	12	0.47	0.87	0.93	1.10	1.20	518.1	527.9	1398	1477
4/0	19 wire	20	12	0.53	0.93	0.99	1.15	1.26	653.3	663.3	170	1784

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	6	14	0.29	0.69	0.75	0.88	0.98	204.9	79.3	545	608
1	19 wire	7	14	0.33	0.73	0.80	0.93	1.03	258.4	92.6	636	700
1/0	19 wire	9	14	0.37	0.77	0.84	0.97	1.07	325.8	119.2	749	814
2/0	19 wire	11	14	0.42	0.82	0.88	1.01	1.11	410.9	146.3	891	969
3/0	19 wire	14	14	0.47	0.87	0.93	1.10	1.20	518.1	185.9	1056	1135
4/0	19 wire	11	12	0.53	0.93	0.99	1.15	1.25	653.3	228.0	1267	1348
250	37 wire	13	12	0.57	0.99	1.05	1.19	1.29	771.9	282.1	1487	1597
350	37 wire	12	10	0.68	1.09	1.19	1.36	1.46	1081	398.0	2022	2164
500	37 wire	17	10	0.81	1.22	1.33	1.49	1.59	1544	543.5	2712	2860
750	61 wire	25	10	0.99	1.41	1.52	1.72	1.89	2316	801.5	3873	4063
1000	61 wire	33	10	1.14	1.57	1.71	1.92	2.03	3088	1058	5028	5231

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

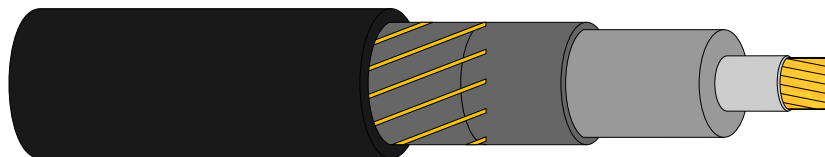
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Ethylene Propylene Rubber (EPR) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 15 KV 133% Insulation Level

220 Mils EPR Insulation



**CONDUMEX
WIRE AND CABLE**

Copper Conductor, Compressed Soft-drawn, Bare

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	10	14	0.29	0.78	0.84	0.97	1.075	204.9	210.9	756	825
1	19 wire	13	12	0.33	0.83	0.89	1.04	1.141	258.4	267.8	881	951
1/0	19 wire	16	12	0.37	0.87	0.93	1.08	1.181	325.8	330.3	1036	1109
2/0	19 wire	20	12	0.42	0.91	0.96	1.10	1.207	410.9	421.4	1242	1329
3/0	19 wire	16	12	0.47	0.96	1.03	1.19	1.291	518.1	527.9	1476	1565
4/0	19 wire	20	12	0.53	1.02	1.12	1.29	1.389	653.3	663.3	1829	1922

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	6	14	0.29	0.78	0.84	0.89	1.04	204.9	79.3	624	693
1	19 wire	7	14	0.33	0.83	0.89	0.93	1.08	258.4	92.6	706	776
1/0	19 wire	9	14	0.37	0.87	0.93	0.98	1.10	325.8	119.2	825	898
2/0	19 wire	11	14	0.42	0.91	0.96	1.03	1.19	410.9	146.3	967	1054
3/0	19 wire	14	14	0.47	0.96	1.02	1.12	1.31	518.1	185.9	1134	1223
4/0	19 wire	11	12	0.53	1.02	1.08	1.18	1.41	653.3	228.0	1393	1486
250	37 wire	13	12	0.57	1.08	1.18	1.29	1.49	771.9	282.1	1616	1730
350	37 wire	12	10	0.68	1.18	1.31	1.42	1.62	1081	398.0	2130	2280
500	37 wire	17	10	0.81	1.31	1.51	1.61	1.81	1544	543.5	2825	2985
750	61 wire	25	10	0.99	1.51	1.66	1.81	2.01	2316	801.5	4058	4263
1000	61 wire	33	10	1.14	1.66	0.84	0.97	1.075	3088	1058	5171	5386

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

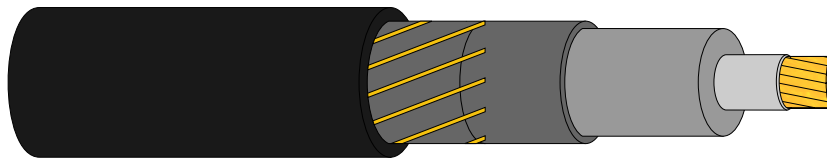
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Ethylene Propylene Rubber (EPR) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 25 KV 100% Insulation Level

260 Mils EPR Insulation



CONDUMEX
WIRE AND CABLE

Copper Conductor, Compressed Soft-drawn, Bare

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1	19 wire	13	12	0.33	0.91	0.97	1.10	1.20	258.4	267.8	951	1032
1/0	19 wire	16	12	0.37	0.95	1.01	1.16	1.26	325.8	330.3	1107	1190
2/0	19 wire	20	12	0.42	0.99	1.06	1.19	1.29	410.9	421.4	1320	1420
3/0	19 wire	25	12	0.47	1.04	1.15	1.31	1.41	518.1	527.9	1588	1691
4/0	19 wire	32	12	0.53	1.10	1.21	1.37	1.47	653.3	663.3	1927	2034

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1	19 wire	7	14	0.33	0.91	0.97	1.10	1.20	258.4	92.6	776	859
1/0	19 wire	9	14	0.37	0.95	1.01	1.14	1.24	325.8	119.2	896	996
2/0	19 wire	11	14	0.42	0.99	1.06	1.19	1.29	410.9	146.3	1045	1148
3/0	19 wire	14	14	0.47	1.04	1.15	1.31	1.41	518.1	185.9	1246	1353
4/0	19 wire	11	12	0.53	1.10	1.21	1.39	1.47	653.3	228.0	1491	1634
250	37 wire	13	12	0.57	1.16	1.26	1.49	1.59	771.9	282.1	1724	1896
350	37 wire	12	10	0.68	1.26	1.40	1.57	1.74	1081	398.0	2239	2423
500	37 wire	17	10	0.81	1.40	1.50	1.70	1.87	1544	543.5	2951	3185
750	61 wire	25	10	0.99	1.59	1.73	1.94	2.10	2316	801.5	4208	4453
1000	61 wire	33	10	1.14	1.74	1.89	2.09	2.26	3088	1058	5331	5331

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

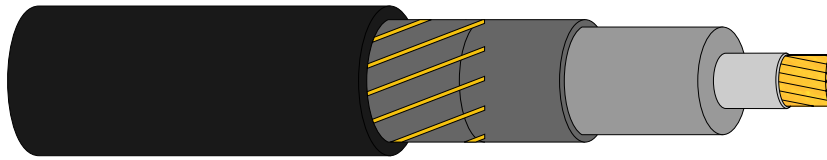
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Ethylene Propylene Rubber (EPR) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 35 KV 100% Insulation Level

345 Mils EPR Insulation



**CONDUMEX
WIRE AND CABLE**

Copper Conductor, Compressed

Soft-drawn, Bare

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1/0	19 wire	16	12	0.37	1.12	1.23	1.35	1.46	325.8	330.3	1313	1413
2/0	19 wire	20	12	0.42	1.17	1.27	1.40	1.50	410.9	421.4	1539	1658
3/0	19 wire	25	12	0.47	1.22	1.32	1.48	1.59	518.1	517.9	1786	1906
4/0	19 wire	32	12	0.53	1.28	1.38	1.54	1.71	653.3	663.3	2127	2252

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1/0	19 wire	9	14	0.37	1.12	1.23	1.35	1.46	325.8	119.2	1102	1221
2/0	19 wire	11	14	0.42	1.17	1.27	1.40	1.50	410.9	146.3	1264	1384
3/0	19 wire	14	14	0.47	1.22	1.32	1.48	1.59	518.1	185.9	1444	1569
4/0	19 wire	11	12	0.53	1.28	1.38	1.54	1.71	653.3	228.0	1691	1874
250	37 wire	13	12	0.57	1.33	1.44	1.64	1.81	771.9	282.1	1939	2133
350	37 wire	12	10	0.68	1.44	1.54	1.70	1.89	1081	398.0	2469	2679
500	37 wire	17	10	0.81	1.57	1.72	1.88	2.04	1544	543.5	3273	3533
750	61 wire	25	10	0.99	1.76	1.93	2.11	2.28	2316	801.5	4504	4776
1000	61 wire	33	10	1.14	1.92	2.06	2.27	2.43	3088	1058	5647	-

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

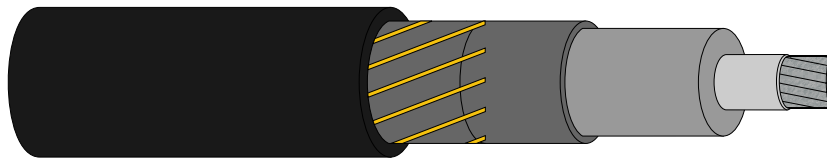
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Ethylene Propylene Rubber (EPR) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 15 KV 100% Insulation Level

1.75 Mils TR-XLP Insulation



**CONDUMEX
WIRE AND CABLE**

Aluminum Conductor, Compressed Hard-drawn, EC-1350 Alloy

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	10	14	0.29	0.69	0.75	0.88	0.98	62.2	132.1	379	496
1	19 wire	13	14	0.33	0.73	0.80	0.93	1.03	79.0	172.0	452	571
1/0	19 wire	16	14	0.37	0.77	0.84	0.97	1.07	98.8	212.0	528	650
2/0	19 wire	20	12	0.42	0.82	0.88	1.01	1.11	124.6	273.0	627	750
3/0	19 wire	16	12	0.47	0.87	0.93	1.10	1.20	157.5	338.0	752	902
4/0	19 wire	20	12	0.53	0.93	0.99	1.15	1.26	198.2	425.0	904	1055

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	6	14	0.29	0.69	0.75	0.88	0.98	62.2	79.3	326	445
1	19 wire	6	14	0.33	0.73	0.80	0.93	1.03	79.0	79.4	359	480
1/0	19 wire	6	14	0.37	0.77	0.84	0.97	1.07	98.8	79.5	396	521
2/0	19 wire	7	14	0.42	0.82	0.88	1.01	1.11	124.6	93.1	447	573
3/0	19 wire	9	14	0.47	0.87	0.93	1.10	1.20	157.5	120.2	534	689
4/0	19 wire	11	14	0.53	0.93	0.99	1.13	1.23	198.2	152.4	631	788
250	37 wire	13	14	0.57	0.99	1.05	1.17	1.27	234.5	181.0	728	939
350	37 wire	11	12	0.68	1.09	1.19	1.36	1.46	327.9	240.0	966	1241
500	37 wire	16	12	0.81	1.22	1.33	1.49	1.59	468.3	350.0	1230	1521
750	61 wire	15	10	0.99	1.41	1.52	1.72	1.89	702.5	501.7	1716	2091
1000	61 wire	20	10	1.14	1.57	1.71	1.92	2.03	936.8	705.6	2246	2558

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

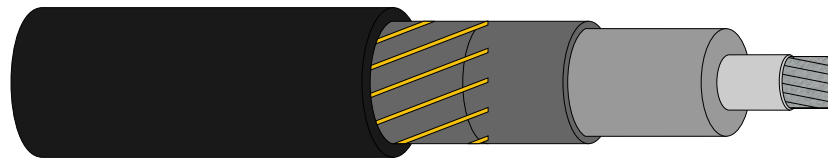
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Tree-retardant Cross-Link Polyethylene Ethylene Propylene Rubber (TR-XLP) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 15 KV 133% Insulation Level

220 Mills TR-XLP Insulation



**CONDUMEX
WIRE AND CABLE**

Aluminum Conductor, Compressed Hard-drawn, EC-1350 Alloy

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	10	14	0.29	0.78	0.84	0.97	1.075	62.2	132.1	426	560
1	19 wire	13	14	0.33	0.83	0.89	1.02	1.121	79.0	172.0	495	631
1/0	19 wire	16	14	0.37	0.87	0.93	1.06	1.161	98.8	212.0	570	707
2/0	19 wire	20	12	0.42	0.91	0.98	1.10	1.207	124.6	273.0	680	822
3/0	19 wire	16	12	0.47	0.96	1.03	1.19	1.291	157.5	338.0	801	966
4/0	19 wire	20	12	0.53	1.02	1.12	1.29	1.386	198.2	425.0	950	1123

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	6	14	0.29	0.78	0.84	0.97	1.075	62.2	79.3	373	509
1	19 wire	6	14	0.33	0.83	0.89	1.02	1.121	79.0	79.4	402	541
1/0	19 wire	6	14	0.37	0.87	0.93	1.06	1.161	98.8	79.5	438	579
2/0	19 wire	7	14	0.42	0.91	0.98	1.10	1.207	124.6	93.1	583	752
3/0	19 wire	9	14	0.47	0.96	1.03	1.19	1.291	157.5	120.2	622	767
4/0	19 wire	11	14	0.53	1.02	1.12	1.27	1.369	198.2	152.4	677	855
250	37 wire	13	14	0.57	1.08	1.18	1.37	1.469	234.5	181.0	795	1027
350	37 wire	11	12	0.68	1.18	1.29	1.45	1.552	327.9	240.0	1002	1282
500	37 wire	16	12	0.81	1.31	1.42	1.58	1.746	468.3	350.0	1298	1616
750	61 wire	15	10	0.99	1.51	1.61	1.81	1.980	702.5	501.7	1796	2266
1000	61 wire	20	10	1.14	1.66	1.81	2.01	2.175	936.8	705.6	2325	2772

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

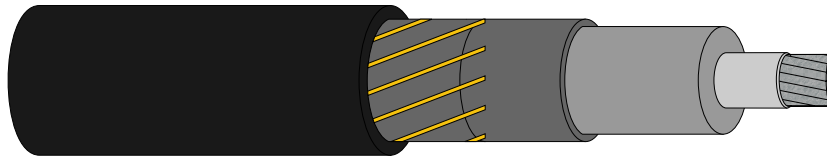
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Tree-retardant Cross-Link Polyethylene Ethylene Propylene Rubber (TR-XLP) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 25 KV 100% Insulation Level

260 Mils EPR Insulation



CONDUMEX
WIRE AND CABLE

Aluminum Conductor, Compressed Hard-drawn, EC-1350 Alloy

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1	19 wire	13	14	0.33	0.91	0.97	1.10	1.20	79.0	172.0	558	704
1/0	19 wire	16	14	0.37	0.95	1.01	1.14	1.24	96.8	212.0	639	787
2/0	19 wire	13	12	0.42	0.99	1.06	1.19	1.29	124.6	273.0	740	890
3/0	19 wire	16	12	0.47	1.04	1.15	1.31	1.41	157.5	338.0	901	1076
4/0	19 wire	20	12	0.53	1.10	1.21	1.37	1.47	198.2	425.0	1070	1253

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1	19 wire	6	14	0.33	0.91	0.97	1.10	1.20	79.0	79.4	466	615
1/0	19 wire	6	14	0.37	0.95	1.01	1.14	1.24	98.8	79.5	508	656
2/0	19 wire	7	14	0.42	0.99	1.06	1.19	1.29	124.6	93.1	560	715
3/0	19 wire	9	14	0.47	1.04	1.15	1.31	1.41	157.5	120.2	683	865
4/0	19 wire	11	14	0.53	1.10	1.21	1.37	1.47	198.2	152.4	799	988
250	37 wire	13	14	0.57	1.16	1.26	1.47	1.57	234.5	181.0	994	1247
350	37 wire	11	12	0.68	1.26	1.40	1.53	1.70	327.9	240.0	1090	1377
500	37 wire	16	12	0.81	1.40	1.50	1.66	1.83	468.3	350.0	1380	1690
750	61 wire	15	10	0.99	1.59	1.73	1.94	2.10	702.5	501.7	1933	2321
1000	61 wire	20	10	1.14	1.74	1.89	2.09	2.26	936.8	705.6	2422	2833

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

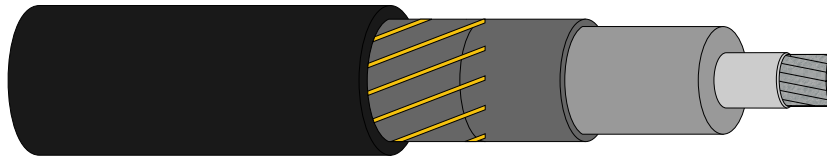
Temperatures: Short Circuit - 250° C

Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Tree-retardant Cross-Link Polyethylene Ethylene Propylene Rubber (TR-XLP) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 35 KV 100% Insulation Level
345 Mills TR-XLP Insulation



CONDUMEX
WIRE AND CABLE

Aluminum Conductor, Compressed Hard-drawn, EC-1350 Alloy

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1/0	19 wire	16	14	0.37	1.12	1.23	1.35	1.46	98.8	212.0	775	966
2/0	19 wire	13	12	0.42	1.17	1.27	1.40	1.50	124.6	273.0	902	1123
3/0	19 wire	16	12	0.47	1.22	1.32	1.48	1.59	157.5	338.0	1031	1257
4/0	19 wire	20	12	0.53	1.26	1.38	1.54	1.71	198.2	425.0	1196	1453

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1/0	19 wire	6	14	0.37	1.12	1.23	1.35	1.46	98.8	79.5	644	839
2/0	19 wire	7	14	0.42	1.17	1.27	1.40	1.50	124.6	93.1	751	982
3/0	19 wire	9	14	0.47	1.22	1.32	1.48	1.59	157.5	120.2	817	1051
4/0	19 wire	11	14	0.53	1.28	1.38	1.54	1.71	198.2	152.4	824	1190
250	37 wire	13	14	0.57	1.33	1.44	1.64	1.81	234.5	181.0	1031	1338
350	37 wire	11	12	0.68	1.44	1.54	1.70	1.89	327.9	240.0	1247	1615
500	37 wire	16	12	0.81	1.57	1.72	1.88	2.04	468.3	350.0	1636	2050
750	61 wire	15	10	0.99	1.76	1.93	2.11	2.28	702.5	501.7	2157	2669
1000	61 wire	20	10	1.14	1.92	2.06	2.27	2.43	936.8	705.6	2763	3184

Dimensions and weights are nominal, and subject to standard industry tolerances.

Aluminum conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

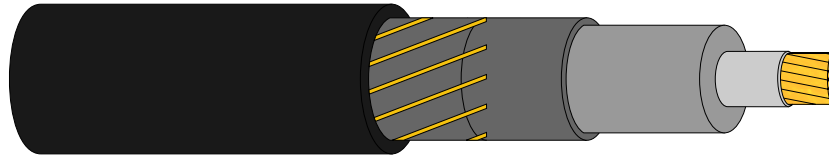
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Tree-retardant Cross-Link Polyethylene Ethylene Propylene Rubber (TR-XLP) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 15 KV 100% Insulation Level

175 Mills TR-XLP Insulation



**CONDUMEX
WIRE AND CABLE**

**Copper Conductor, Compressed
Soft-drawn, Bare**

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	10	14	0.29	0.69	0.75	0.88	0.98	204.9	210.9	514	580
1	19 wire	13	12	0.33	0.73	0.80	0.93	1.03	258.4	267.8	654	715
1/0	19 wire	16	12	0.37	0.77	0.84	0.97	1.07	325.8	330.3	937	1011
2/0	19 wire	20	12	0.42	0.82	0.88	1.01	1.11	410.9	421.4	1124	1192
3/0	19 wire	16	12	0.47	0.87	0.93	1.10	1.20	518.1	527.9	1358	1430
4/0	19 wire	20	12	0.53	0.93	0.99	1.15	1.26	653.3	663.3	1662	1730

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	6	14	0.29	0.69	0.75	0.88	0.98	204.9	79.3	383	451
1	19 wire	7	14	0.33	0.73	0.80	0.93	1.03	258.4	92.6	479	542
1/0	19 wire	9	14	0.37	0.77	0.84	0.97	1.07	325.8	119.2	710	788
2/0	19 wire	11	14	0.42	0.82	0.88	1.01	1.11	410.9	146.3	846	917
3/0	19 wire	14	14	0.47	0.87	0.93	1.10	1.20	518.1	185.9	1016	1090
4/0	19 wire	11	12	0.53	0.93	0.99	1.15	1.25	653.3	228.0	1228	1311
250	37 wire	13	12	0.57	0.99	1.05	1.19	1.29	771.9	282.1	1433	1555
350	37 wire	12	10	0.68	1.09	1.19	1.36	1.46	1081	398.0	1915	2070
500	37 wire	17	10	0.81	1.22	1.33	1.49	1.59	1544	543.5	2683	2847
750	61 wire	25	10	0.99	1.41	1.52	1.72	1.89	2316	801.5	3855	4031
1000	61 wire	33	10	1.14	1.57	1.71	1.92	2.03	3088	1058	5007	5193

Dimensions and weights are nominal, and subject to standard industry tolerances.

Copper conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

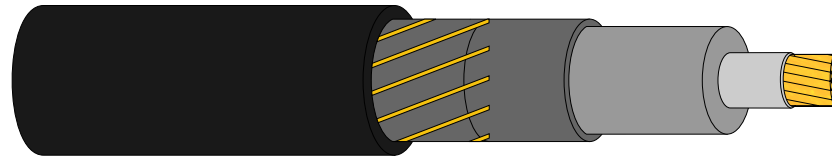
Features: 1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.

2. Tree-retardant Cross-Link Polyethylene Ethylene Propylene Rubber (TR-XLP) insulation offers: excellent heat, moisture and corona resistance; electrical

CONDUMEX VULCANEL CABLE

Primary URD 15 KV 133% Insulation Level

220 Mils TR-XLP Insulation



**CONDUMEX
WIRE AND CABLE**

Copper Conductor, Compressed Soft-drawn, Bare

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	10	14	0.29	0.78	0.84	0.97	1.075	204.9	210.9	564	633
1	19 wire	13	12	0.33	0.83	0.89	1.04	1.141	258.4	267.8	701	772
1/0	19 wire	16	12	0.37	0.87	0.93	1.08	1.181	325.8	330.3	988	1069
2/0	19 wire	20	12	0.42	0.91	0.96	1.10	1.207	410.9	421.4	1177	1257
3/0	19 wire	16	12	0.47	0.96	1.03	1.19	1.291	518.1	527.9	1405	1486
4/0	19 wire	20	12	0.53	1.02	1.12	1.29	1.389	653.3	663.3	1754	1836

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
2	7 wire	6	14	0.29	0.78	0.84	0.89	1.04	204.9	79.3	433	504
1	19 wire	7	14	0.33	0.83	0.89	0.93	1.08	258.4	92.6	526	600
1/0	19 wire	9	14	0.37	0.87	0.93	0.98	1.10	325.8	119.2	778	863
2/0	19 wire	11	14	0.42	0.91	0.96	1.03	1.19	410.9	146.3	903	986
3/0	19 wire	14	14	0.47	0.96	1.02	1.12	1.31	518.1	185.9	1065	1150
4/0	19 wire	11	12	0.53	1.02	1.08	1.18	1.41	653.3	228.0	1320	1407
250	37 wire	13	12	0.57	1.08	1.18	1.29	1.49	771.9	282.1	1564	1700
350	37 wire	12	10	0.68	1.18	1.31	1.42	1.62	1081	398.0	2009	2174
500	37 wire	17	10	0.81	1.31	1.51	1.61	1.81	1544	543.5	2781	2959
750	61 wire	25	10	0.99	1.51	1.66	1.81	2.01	2316	801.5	3998	4196
1000	61 wire	33	10	1.14	1.66	0.84	0.97	1.075	3088	1058	5112	5310

Dimensions and weights are nominal, and subject to standard industry tolerances.

Copper conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

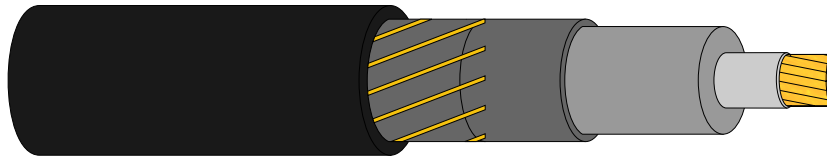
Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Tree-retardant Cross-Link Polyethylene Ethylene Propylene Rubber (TR-XLP) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 25 KV 100% Insulation Level

260 Mils TR-XLP Insulation



**CONDUMEX
WIRE AND CABLE**

Copper Conductor, Compressed Soft-drawn, Bare

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1	19 wire	13	12	0.33	0.91	0.97	1.10	1.20	258.4	267.8	834	980
1/0	19 wire	16	12	0.37	0.95	1.01	1.16	1.26	325.8	330.3	987	1135
2/0	19 wire	20	12	0.42	0.99	1.06	1.19	1.29	410.9	421.4	1175	1325
3/0	19 wire	25	12	0.47	1.04	1.15	1.31	1.41	518.1	527.9	1452	1627
4/0	19 wire	32	12	0.53	1.10	1.21	1.37	1.47	653.3	663.3	1764	1947

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1	19 wire	7	14	0.33	0.91	0.97	1.10	1.20	258.4	92.6	659	808
1/0	19 wire	9	14	0.37	0.95	1.01	1.14	1.24	325.8	119.2	775	923
2/0	19 wire	11	14	0.42	0.99	1.06	1.19	1.29	410.9	146.3	900	1055
3/0	19 wire	14	14	0.47	1.04	1.15	1.31	1.41	518.1	185.9	1180	1292
4/0	19 wire	11	12	0.53	1.10	1.21	1.39	1.47	653.3	228.0	1330	1519
250	37 wire	13	12	0.57	1.16	1.26	1.49	1.59	771.9	282.1	1633	1886
350	37 wire	12	10	0.68	1.26	1.40	1.57	1.74	1081	398.0	2002	2289
500	37 wire	17	10	0.81	1.40	1.50	1.70	1.87	1544	543.5	2650	2960
750	61 wire	25	10	0.99	1.59	1.73	1.94	2.10	2316	801.5	3847	4235
1000	61 wire	33	10	1.14	1.74	1.89	2.09	2.26	3088	1058	4926	5337

Dimensions and weights are nominal, and subject to standard industry tolerances.

Copper conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

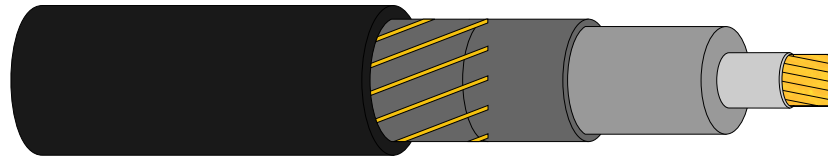
Temperatures: Short Circuit - 250° C

Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Tree-retardant Cross-Link Polyethylene Ethylene Propylene Rubber (TR-XLP) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.

CONDUMEX VULCANEL CABLE

Primary URD 35 KV 100% Insulation Level
345 Mils TR-XLP Insulation



CONDUMEX
WIRE AND CABLE

Copper Conductor, Compressed Soft-drawn, Bare

Conductor		Copper Neutral (Full)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1/0	19 wire	16	12	0.37	1.12	1.23	1.35	1.46	325.8	330.3	834	1764
2/0	19 wire	20	12	0.42	1.17	1.27	1.40	1.50	410.9	421.4	987	980
3/0	19 wire	25	12	0.47	1.22	1.32	1.48	1.59	518.1	517.9	1175	1135
4/0	19 wire	32	12	0.53	1.28	1.38	1.54	1.71	653.3	663.3	1452	1325

Conductor		Copper Neutral (1/3)		Diameter (Inches)					Weight (Pounds)			
AWG or MCM	Stranding	Number of Wires	Size AWG (Solid)	Conductor	Over Insulation	Over Insul. Shield	Over Neutral Wires	Over Encaps. Jkt.	Conductor	Concentric Neutral	Total No Jacket	Total With Jacket
1/0	19 wire	9	14	0.37	1.12	1.23	1.35	1.46	325.8	119.2	659	4926
2/0	19 wire	11	14	0.42	1.17	1.27	1.40	1.50	410.9	146.3	775	808
3/0	19 wire	14	14	0.47	1.22	1.32	1.48	1.59	518.1	185.9	900	923
4/0	19 wire	11	12	0.53	1.28	1.38	1.54	1.71	653.3	228.0	1110	1055
250	37 wire	13	12	0.57	1.33	1.44	1.64	1.81	771.9	282.1	1330	1292
350	37 wire	12	10	0.68	1.44	1.54	1.70	1.89	1081	398.0	1633	1519
500	37 wire	17	10	0.81	1.57	1.72	1.88	2.04	1544	543.5	2002	1886
750	61 wire	25	10	0.99	1.76	1.93	2.11	2.28	2316	801.5	2650	2289
1000	61 wire	33	10	1.14	1.92	2.06	2.27	2.43	3088	1058	3847	2960

Dimensions and weights are nominal, and subject to standard industry tolerances.

Copper conductors are also available strand-filled.

Specifications: ICEA S-94-649; AEIC CS 8

Maximum Conductor Normal Operation - 90° C; Emergency Overload - 130° C

Temperatures: Short Circuit - 250° C

Application: Medium voltage power cable for single phase underground distribution (UD), including getaway systems in low profile substations.

- Features:**
1. Simultaneous extrusion of strand shield, insulation, and insulation shield (triple extrusion, dry curing process) forms a virtually perfect cable core, eliminating unequal electrical stress.
 2. Tree-retardant Cross-Link Polyethylene Ethylene Propylene Rubber (TR-XLP) insulation offers: excellent heat, moisture and corona resistance; electrical stability under stress; low dielectric loss, chemical resistance.