

# DuraSheath®

## EPR/XL-CPE, Low-Voltage Power, Unshielded 600 V, UL Type RHH/RHW-2/USE-2

### Product Construction:

#### Conductor:

- 14 AWG thru 1000 kcmil tin-coated copper compressed Class B stranding per ASTM B33 and B8

#### Insulation:

- Lead-free Ethylene Propylene Rubber (EPR) colored to contrast with jacket

#### Jacket:

- Lead-free Cross-linked Chlorinated Polyethylene (XL-CPE), black

#### Print:

##### For 1 AWG and smaller:

- GENERAL CABLE® MI DURASHEATH® TYPE USE-2 OR RHH OR RHW-2 VW-1 (AWG SIZE) (MM SIZE) EP 600 VOLTS SUN RES (UL) ROHS MONTH/YEAR OF MFG SEQUENTIAL FOOTAGE MARK

##### For 1/0 AWG and larger:

- GENERAL CABLE® MI DURASHEATH® LL TYPE USE-2 OR RHH OR RHW-2 VW-1 (AWG SIZE) (MM SIZE) EP 600 VOLTS SUN RES FOR CT USE (UL) ROHS MONTH/YEAR OF MFG SEQUENTIAL FOOTAGE MARK

#### Options:

- Colored jackets available upon request
- 2000 V rated cables



### Applications:

- Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is a major concern and where maximum performance will be demanded
- In free air, raceways or direct burial
- For use in aerial, conduit, open tray and underground duct/installations

### Features:

- Rated at 90°C wet or dry
- Deformation-resistant at high temperatures
- Excellent moisture resistance, exceeds UL 44
- Stable electrical properties over a broad temperature range
- Excellent flexibility at low temperatures; suitable for installation in sub-zero conditions
- Extra-tough, mechanically rugged composite insulation and jacket construction
- Resistant to most oils and chemicals
- UV/sunlight-resistant
- Meets UL 44 cold bend test at -40°C

### Compliances:

#### Industry Compliances:

- National Electric Code (NEC)
- ICEA S-95-658/NEMA WC70
- "FOR CT USE" on 1/0 AWG and larger in accordance with the NEC
- UL 44 Type RHH/RHW-2, UL File # E90494
- UL 854 Type USE-2, UL File # E90499

#### Flame Test Compliances:

- UL 1581 VW-1
- IEEE 1202/CSA FT4

#### Other Compliances:

- EPA 40 CFR, Part 261 for leachable lead content per TCLP
- OSHA Acceptable
- RoHS Compliant

### Packaging:

- Material cut to length and shipped on non-returnable wood reels

CATALOG NUMBER	COND. SIZE (AWG/kcmil)	COND. STRAND	NOMINAL COND. DIAMETER		MINIMUM AVG. INSULATION				MINIMUM AVG. JACKET				COPPER WEIGHT		NET WEIGHT	
					THICKNESS		DIAMETER		THICKNESS		DIAMETER		LBS/1000 FT	kg/km	LBS/1000 FT	kg/km
			INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm		
<b>14 AWG - 1000 kcmil CONDUCTORS</b>																
14511.411400	14	7/.0242	0.07	1.78	0.030	0.76	0.14	3.56	0.015	0.38	0.17	4.32	13	19	24	36
14511.411200	12	7/.0305	0.09	2.29	0.030	0.76	0.16	4.06	0.015	0.38	0.19	4.83	20	30	33	49
14511.411000	10	7/.0385	0.12	3.05	0.030	0.76	0.18	4.57	0.015	0.38	0.21	5.33	32	48	48	71
14511.410800	8	7/.0486	0.15	3.81	0.045	1.14	0.24	6.10	0.015	0.38	0.28	7.11	50	75	77	115
14511.410600	6	7/.0612	0.18	4.57	0.045	1.14	0.28	7.11	0.030	0.76	0.35	8.89	81	121	122	182
14511.410400	4	7/.0772	0.23	5.84	0.045	1.14	0.33	8.38	0.030	0.76	0.39	9.91	129	192	178	265
14511.710200	2	7/.0974	0.29	7.37	0.045	1.14	0.39	9.91	0.030	0.76	0.46	11.68	205	305	265	394
14511.715100	1/0	19/.0740	0.37	9.40	0.055	1.40	0.48	12.19	0.045	1.14	0.58	14.73	326	485	422	628
14511.715200	2/0	19/.0837	0.41	10.41	0.055	1.40	0.53	13.46	0.045	1.14	0.63	16.00	411	612	518	771
14511.715400	4/0	19/.1055	0.52	13.21	0.055	1.40	0.64	16.26	0.045	1.14	0.74	18.80	653	972	785	1168
14511.716000	250	37/.0822	0.56	14.22	0.065	1.65	0.70	17.78	0.065	1.65	0.85	21.59	772	1149	960	1429
14511.716200	350	37/.0973	0.67	17.02	0.065	1.65	0.81	20.57	0.065	1.65	0.96	24.38	1081	1609	1299	1933
14511.716500	500	37/.1162	0.80	20.32	0.065	1.65	0.94	23.88	0.065	1.65	1.09	27.69	1542	2295	1803	2683
14511.717000	750	61/.1109	0.98	24.89	0.080	2.03	1.15	29.21	0.065	1.65	1.31	33.27	2316	3447	2664	3965
14511.717500	1000	61/.1280	1.13	28.70	0.080	2.03	1.31	33.27	0.065	1.65	1.46	37.08	3086	4593	3989	5936

Dimensions and weights are nominal; subject to industry tolerances.



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