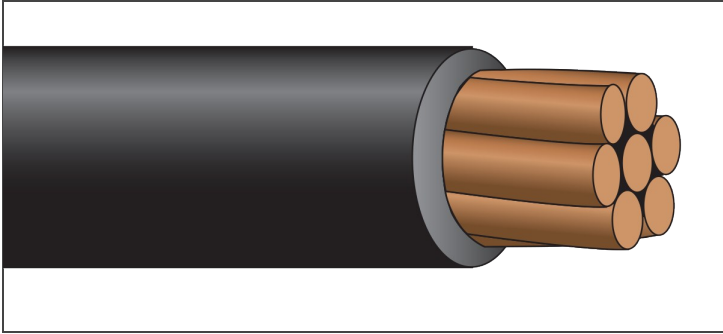


**SINGLE CONDUCTOR**



**POLY LINE WIRE**

**Copper/HMW-PE**

Solid/Stranded, Soft, Medium Hard, Hard Drawn



**Description:**

Single copper conductor, solid or stranded, soft (*annealed*), medium hard, or hard drawn, covered with black high molecular weight/linear low density polyethylene (*HMW-PE/LLD-PE*).

**Application:**

Suitable for use in overhead distribution systems where protection from environmental elements is required.

**Standards:**

ASTM standards: B-1 (*hard drawn*), B-2 (*medium hard drawn*), B-3 (*soft or annealed*), B-8 (*concentric lay stranded*)  
Strand Class A, AA (#1 AWG - 4/0 AWG)  
ANSI C8.35/ICEA S-70-547  
Sunlight Resistant  
RoHS Compliant

Part Number	Size (AWG or Kcmil)	Stranding	Covering Thickness (mils)	Nominal Diameter Overall (in.)	HARD DRAWN DC Resistance (OHMS/1000') @20°C	MEDIUM DRAWN DC Resistance (OHMS/1000') @20°C	SOFT (ANNEALED) DC Resistance (OHMS/1000') @20°C	Approx. Net Weight (lb./1000')	Ampacity* (amps)
PESOS6	6	1	30	0.22	0.411	0.409	0.395	87	130
PESOS4	4	1	30	0.26	0.258	0.257	0.249	135	163
PEST7S4	4	7	30	0.29	0.264	0.262	0.254	139	163
PESOS2	2	1	45	0.35	0.163	0.162	0.156	218	219
PEST7S2	2	7	45	0.38	0.166	0.165	0.159	224	219
PEST7S1	1	7	45	0.42	0.132	0.131	0.127	284	258
PEST7S1/0	1/0	7	60	0.49	0.104	0.104	0.100	358	297
PEST7S2/0	2/0	7	60	0.53	0.083	0.082	0.080	446	344
PEST7S3/0	3/0	7	60	0.58	0.066	0.065	0.063	557	401
PEST7S4/0	4/0	7	60	0.64	0.052	0.052	0.050	696	466
PEST37S250	250	37	60	0.70	0.044	0.044	0.042	819	519
PEST37S350	350	37	60	0.80	0.031	0.031	0.030	1,136	645
PEST37S500	500	37	80	0.97	0.022	0.022	0.021	1,626	812
PEST37S750	750	61	80	1.16	0.015	0.015	0.014	2,415	1,050
PEST37S1000	1000	61	95	1.34	0.011	0.011	0.011	3,234	1,253

\*Per NEC Table 310.15 (B)(21). Based on conductor temperature of 80°C; ambient temperature of 40°C; 2 ft./sec. wind. NOTE: The data shown is approximate and subject to standard industry tolerances.