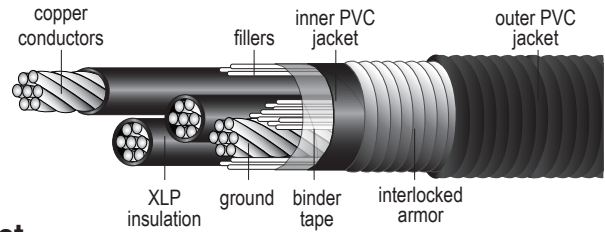


**SPECIFICATION**  
**HW330**

**INTERLOCKED ARMOR  
- CONTROL CABLE, CSA TECK 90**

**600 Volt, CSA Teck 90, -40° to 90°C**  
**Copper Conductors with Bare Ground**  
**XLP Insulation & Inner PVC Jacket**  
**Aluminum Interlocked Armor (AIA) & Outer PVC Jacket**



Catalog Number	Size (AWG)	Number of Conductors	Number of Strands	Insulation Thickness (mils)	Ground (AWG)	Inner Jacket Thickness (mils)	Approx Diameter Inner Jacket (inches)	Approx Diameter Armor (inches)	Approx Diameter Outer Jacket (inches)	Net Weight (lbs/mft)
HW330 01402	14	2	7	30	14	45	0.369	0.600	0.688	191
HW330 01403	14	3	7	30	14	45	0.390	0.621	0.709	225
HW330 01404	14	4	7	30	14	45	0.444	0.676	0.761	266
HW330 01405	14	5	7	30	14	45	0.472	0.703	0.787	306
HW330 01406	14	6	7	30	14	45	0.515	0.743	0.828	316
HW330 01407	14	7	7	30	14	45	0.522	0.755	0.844	338
HW330 01408	14	8	7	30	14	60	0.597	0.825	0.909	384
HW330 01409	14	9	7	30	14	60	0.608	0.836	0.923	409
HW330 01410	14	10	7	30	14	60	0.671	0.898	0.984	448
HW330 01412	14	12	7	30	14	60	0.700	0.927	1.013	489
HW330 01415	14	15	7	30	14	60	0.764	0.990	1.090	583
HW330 01419	14	19	7	30	14	60	0.835	1.073	1.157	748
HW330 01420	14	20	7	30	14	60	0.850	1.105	1.189	766
HW330 01425	14	25	7	30	14	80	0.983	1.239	1.326	852
HW330 01430	14	30	7	30	14	80	1.060	1.311	1.399	995
HW330 01440	14	40	7	30	14	80	1.179	1.431	1.519	1224
HW330 01450	14	50	7	30	14	80	1.282	1.535	1.642	1468
HW330 01202	12	2	7	30	14	45	0.405	0.636	0.724	238
HW330 01203	12	3	7	30	14	45	0.429	0.660	0.745	280
HW330 01204	12	4	7	30	14	45	0.502	0.733	0.817	298
HW330 01205	12	5	7	30	14	45	0.522	0.752	0.839	347
HW330 01207	12	7	7	30	14	60	0.614	0.843	0.927	438
HW330 01209	12	9	7	30	14	60	0.700	0.940	1.014	496
HW330 01210	12	10	7	30	14	60	0.744	0.988	1.077	531
HW330 01212	12	12	7	30	14	60	0.776	1.037	1.125	651
HW330 01220	12	20	7	30	14	80	0.974	1.233	1.321	973
HW330 01230	12	30	7	30	14	80	1.167	1.421	1.509	1302
HW330 01002	10	2	7	30	12	45	0.452	0.684	0.769	272
HW330 01003	10	3	7	30	12	45	0.481	0.712	0.798	339
HW330 01004	10	4	7	30	12	45	0.560	0.783	0.867	383
HW330 01005	10	5	7	30	12	60	0.604	0.833	0.918	421
HW330 01007	10	7	7	30	12	60	0.699	0.928	1.018	539
HW330 01009	10	9	7	30	12	60	0.766	1.006	1.094	633
HW330 01010	10	10	7	30	12	60	0.840	1.100	1.188	776
HW330 01012	10	12	7	30	12	80	0.917	1.178	1.266	885

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## **INTERLOCKED ARMOR - CONTROL CABLE, CSA TECK 90**

**600 Volt, CSA Teck 90, -40° to 90°C  
Copper Conductors with Bare Ground  
XLP Insulation & Inner PVC Jacket  
Aluminum Interlocked Armor (AIA) & Outer PVC Jacket**

### **APPLICATION:**

For exposed or concealed wiring in wet or dry locations. For use in ventilated, non-ventilated and ladder type cable troughs and ventilated flexible cableway in wet or dry locations. Suitable for direct burial, use in cable tray and embedment in concrete. Sunlight and oil resistant outer jacket. Teck cables are versatile, flexible, and resistant to mechanical abuse and corrosion. Typical applications are for control, lighting and power circuits. Used in industries such as pulp and paper, mining and steel, food and beverage, commercial centers, generating stations, refineries, chemical plants and other industrial facilities.

### **CONDUCTORS:**

Bare annealed copper, Class B stranding per ASTM B8; Sizes 8 AWG to 1000 kcmil, conductors are compact stranded to reduce cable diameter and weight.

### **INSULATION:**

Cross-linked polyethylene (XLP) per CSA C22.2 No 38 type RW90 for unshielded cables.

### **COLOR CODE:**

2C	Black, White
3C	Red, Black, Blue
4C	Red, Black, Blue, White
5C or more	Black and Numbered

14 AWG to 2 AWG: colored insulation

1 AWG & larger: printed colored stripe or black and numbered.

### **GROUNDING CONDUCTOR:**

Uninsulated stranded bare copper.

### **INNER JACKET:**

Black polyvinyl chloride (PVC) jacket per CSA C22.2 No. 131-M89, 90 C temperature rating, flame retardant, low acid gas emitting

### **ARMOR:**

Interlocking aluminum tape armor applied directly over the inner jacket.

### **OUTER JACKET:**

Black polyvinyl chloride (PVC) jacket per CSA C22.2 No. 131-M89, low acid gas emission, limited flame spread and excellent corrosion resistance.

### **BENDING RADIUS:**

Unshielded Cables: 7 x cable overall

Shielded Cables: 12 x cable overall

### **FLAME TESTS:**

CSA FT1, flame retardant

CSA FT4, fire retardant

ICEA T-29-520 Fire Test at 210,000 BTU/hr,  
IEEE 1202, 383 and UL 1685

### **ADDITIONAL STANDARDS:**

CSA listed Type TECK 90

CSA C22.2 No. 0.3-96 and marked AG14,  
low acid gas emitting

CSA C22.2 No. 174-M1998,  
rated for Hazardous Locations (HL)

*Note: Cannot be used in Class I or II, Division 1 locations  
in accordance with NEC.*

Lead Free and RoHS compliant