Charlotte™ Wire & Cable Company Inc.

"Taking Care of Business"

toll free: 800-929-9473

CONTINUOUS CORRUGATED ARMOR CABLE
4 CONDUCTORS WITH GROUND
XHHW-2 CONDUCTORS, CONTINUOUS ALUMINUM ARMOR, PVC JACKET
TYPE MC-HL, CT USE, SUN RESISTANT, DIRECT BURIAL 90DEG C 600VOLTS

CONSTRUCTION:

CONDUCTOR CLASS B STRANDED BARE COPPER.

INSULATION THERMOSETTING CROSSLINKED POLYETHYLENE (XLP) XHHW-2.

CONDUCTOR IDENTIFICATION COLOR CODED PER ICEA METHOD 4 (BLACK WITH PRINTED NUMBERS) ON SIZES #8AWG AND LARGER. SIZES 14 THROUGH 10AWG CODED PER ICEA METHOD 1 TABLE E-2. (BLACK-RED-BLUE).

ASSEMBLY CONDUCTORS ARE CABLED TOGETHER WITH STRANDED COPPER GROUND WIRE, AND OVERALL CABLE BINDER TAPE.

ARMOR CONTINUOUS CORRUGATED ALUMINUM ARMOR WHICH IS IMPERVIOUS TO LIQUIDS, MOISTURE, AND GASES.

OUTER JACKET SUNLIGHT RESISTANT, FLAME RETARDANT BLACK PVC APPLIED OVER ARMOR.

Charlotte Wire Part#	Size AWG	No. of C'drs	Insulation Thickness (in.)	Ground Sizes (AWG)	Armor Diameter (in.)	PVC Jkt Thickness (in.)	Overall Diameter (in.)	Approx. Net Wt. (Lbs/Mft)
CW08571	8	4	.045"	1 - #10	.80"	.050"	.90"	480
CW08572	6	4	.045"	1 - #8	.96"	.050"	1.06"	680
CW08573	4	4	.045"	1 - #8	1.15"	.050"	1.25"	950
CW08574	2	4	.045"	1 - #6	1.35"	.050"	1.45"	1400
CW08575	1	4	.055"	1 - #6	1.38"	.050"	1.48"	1680
CW08576	1/0	4	.055"	1 - #6	1.55"	.050"	1.65"	2040
CW08577	2/0	4	.055"	1 - #6	1.60"	.060"	1.72"	2420
CW08578	3/0	4	.055"	1 - #4	1.74"	.060"	1.86"	3000
CW08579	4/0	4	.055"	1 - #4	1.95"	.060"	2.07"	3650
CW08580	250MCM	4	.065"	1 - #4	2.05"	.060"	2.17"	4190
CW08581	350MCM	4	.065"	1 - #3	2.46"	.075"	2.61"	5820
CW08582	500MCM	4	.065"	1 - #2	2.78"	.075"	2.90"	8100
CW08583	750MCM	4	.080"	1 - #1	3.38"	.085"	3.55"	12060

APPLICATION:
Suitable for power, lighting, control, and signal circuits in a variety of industrial locations including pulp and paper, chemical, and petrochemical. Continuous corrugated armor provides excellent mechanical resistance and can be used as an electrical shield when adequate grounding is maintained. Per NEC Article 330, may be used 1) indoors or outdoors, 2) in raceway or cable tray, 3) as aerial cable on a messenger, 4) in direct burial applications, and 5) in hazardous locations per NEC Class I, II, and III, Divisions 1 and 2.

STANDARDS:
UL Standard 1569 for Type MC Cables.
Passes UL & IEEE 70,000BTU Flame Test.
UL Standard 44 for XHHW-2 conductors.
ICEA S-95-658/NEMA WC70 for Nonshielded 0 - 2KV Cables.
NEC Article 330 for Metal Clad Uses and Constructions.
UL Standard 2225 for Metal Clad Cables in Hazardous Locations.