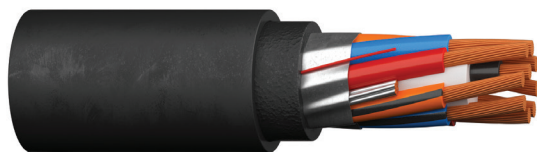


AIRGUARD®EX

XLPE/Polymeric Armor/PVC, Control

UL Type TC-ER-HL 600V or UL Type TC-ER 1000V

**Product Construction:****Conductor:**

- 14 AWG thru 10 AWG annealed bare copper per ASTM B3, Class C stranding per ASTM B8

Insulation:

- Flame-retardant Cross-linked Polyethylene (XLPE)
- Color-coded per ICEA Method 1, Table E-2 (does not include white or green)

Ground Conductor(s):

- Annealed stranded tinned copper per ASTM B33
- Single ground wire is sized in accordance with NEC Table 250.122

Shield:

- Overall shielded is Flexfoil® aluminum/polymer in contact with stranded tinned copper ground wire

Polymeric Armor:

- High strength and high crush resistant Air Bag™ layer extruded over the core assembly

Jacket:

- Lead-free, flame-retardant, sunlight-resistant Polyvinyl Chloride (PVC)

Applications:

- For use in Class I, II and III, Divisions 1 and 2; and Class I, Zones 1 and 2 hazardous locations per NEC Articles 501, 502, 503 and 505
- For use as services, feeders and branch circuits for power, lighting, control, and signal circuits in accordance with NEC Articles 330 and 725
- Installed indoors or outdoors, wet or dry locations, directly buried, embedded in concrete, in a raceway, as aerial cable on a messenger, in cable trays, or as exposed runs secured to supports in accordance with NEC Article 330

Features:

- Rated at 90°C wet or dry
- Ripcord applied to all cables with jacket of 60 mils or less
- Meets cold bend test at -25°C

Features (cont'd):

- Type TC-ER-HL versions meets crush and impact requirements of Type MC-HL cables.
- Sunlight- and weather-resistant
- Excellent flame resistance
- Excellent physical, thermal and electrical properties
- Excellent moisture resistance
- Good resistance to abrasion and heat deformation

Compliances:**Industry Compliances:**

- NEC Type XHHW-2 conductors
- UL 1277 Type TC-ER-HL, UL File # E57179
- ICEA S-95-658/NEMA WC70

Flame Test Compliances:

- UL 1685 Vertical Flame Test
- IEEE 1202/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

PRODUCT NUMBER	NUMBER AND CIRCUIT CONDUCTOR SIZE (AWG)	INSULATION THICKNESS (mils)	GROUND CONDUCTOR SIZE (AWG)	JACKET THICKNESS (mils)	NOMINAL OVERALL CABLE O.D. (in)	NOMINAL CABLE WEIGHT (lbs/kft)
AIRGUARD®Ex Control with Ground Conductor 600 Volt or 1000 Volt						
10050.01404114	4/C #14	30	#14	60	0.57	201
10050.01405114	5/C #14	30	#14	60	0.61	230
10050.01407114	7/C #14	30	#14	60	0.65	277
10050.01409114	9/C #14	30	#14	60	0.73	335
10050.01412114	12/C #14	30	#14	60	0.80	408
10050.01419114	19/C #14	30	#14	80	0.81	474
10050.01437114	37/C #14	30	#14	80	0.96	734
10050.01204112	4/C #12	30	#12	60	0.62	256
10050.01205112	5/C #12	30	#12	60	0.66	295
10050.01207112	7/C #12	30	#12	60	0.71	361
10050.01209112	9/C #12	30	#12	60	0.80	440
10050.01212112	12/C #12	30	#12	80	0.80	479
10050.01004110	4/C #10	30	#10	60	0.67	335

The above dimensions are approximate and subject to normal manufacturing tolerances.