

BLUE PE/BIG BLUE PE WIRE CONDUIT

BLUE PE & BIG BLUE PE CONDUIT:

Blue PE and Big Blue PE Conduits are designed for soft electrodes and mild steel electrode used at high depositor rates. These non-conductive conduits are lightweight, making them useful for many wire feeding applications.

NON-METALLIC CORE:

Made from high density polyethylene with outstanding mechanical properties and inherent lubricity. No metal core is used in the manufacture of these conduits which is ideal for obtaining x-ray quality welds. Especially useful when welding with aluminum or other exotics, as no metal is available to contaminate the weld. The hard polymer interior reduces drag and promotes smooth feeding.

BLUE PE Conduit:

Recommended for use with soft solid welding electrodes up to 3/64" (1.2mm) diameter and other midrange mild steel electrodes. It is not recommended to bend it less than a 12" (30.5cm) radius. Tighter bends may result in increased wire drag and conduit wear.

BIG BLUE PE Conduit:

Recommended for use with soft solid welding electrodes up to 1/16" (1.6mm) diameter and other comparably sized mild steel electrodes. It is not recommended to bend it less than a 16" (40.6cm) radius. Tighter bends may result in increased wire drag and conduit wear.

SPECIFICATIONS

BLUE PE - .312"(7.9mm) I.D., .460"(11.7mm) O.D

BIG BLUE PE - .400"(10.2mm) I.D., .600"(15.3mm) O.D.

Fitting termination is easily applied by the distributor or end user by cutting to length with a sharp knife or razor and applying the appropriate bavonet.



BLUE and BIG BLUE PE Conduit is easily cut to length with a sharp knife or razor blade.

HOW TO ORDER



| LENGTH | BLUE PE PART NUMBER | BIG BLUE PART NUMBER |
|---------------|---------------------|----------------------|
| 100' (30.48m) | A-2050-100 | A-2051-100 |
| 250' (76.20m) | A-2050-250 | A-2051-250 |
| 500' 304.80m) | A-2050-500 | A-2051-500 |

- See catalog sheet CAT-021 CONDUIT CONNECTORS AND ACCESSORIES for the appropriate adaptors and connectors.

ERC®/ERC-HD® WIRE CONDUIT



ERC® & ERC-HD® CONDUIT:

The ERC® (Extended Reach Conduit) and ERC-HD® (Heavy-Duty) Conduits are both designed for extended run lengths. They resist wear and reduce feed pressure due to their limited bending. Ideal for stationary applications, they will not stretch or compress, and are electrically insulated.

ERC® Conduit:

Recommended for delivery of solid welding electrodes up to 3/32" (2.4mm) diameter or cored wires up to 5/64" (2.0mm). To maintain quality performance, it is not recommended to bend ERC® Conduit to less than a 12" (30.5cm) radius. Flexing of the conduit should be limited.

ERC-HD® Conduit:

Recommended for delivery of solid welding electrodes up to 1/8" (3.2mm) diameter, or cored wires up to 7/64" (2.8mm). To maintain quality performance, it is not recommended to bend ERC-HD® Conduit to less than a 18" (45.7cm) radius.

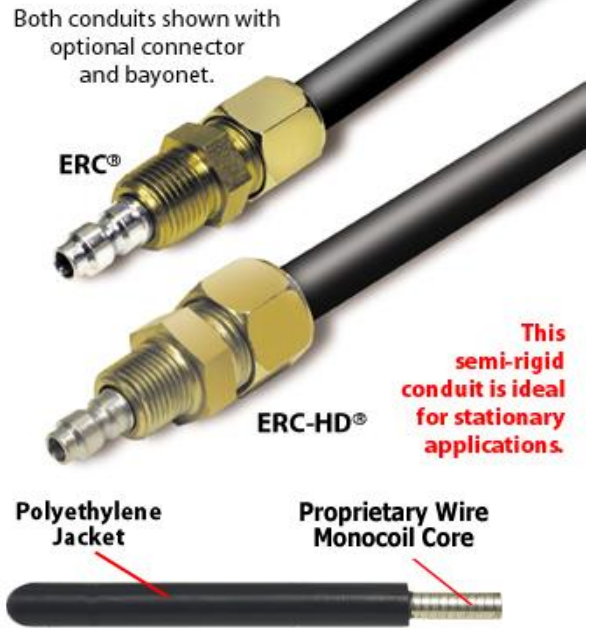
SPECIFICATIONS

ECR® - .312" (7.9mm) I.D., .625" (15.9mm) O.D

ECR-HD® - .357" (9.0mm) I.D., .750" (19.1mm) O.D

FLAT WIRE MONOCOIL CORE - The flat wire monocoil core is precision wound from long-lasting, high carbon, hardened steel spring wire for a longer, productive life. Manufactured to larger I.D. clearances which is especially useful in reducing wire drag.

POLYETHYLENE INSULATING JACKET - The thick wall extruded polyethylene jacket reinforces the wire monocoil while limiting bending and resisting "snaking" conditions caused by electrode cast. Superior wire transfer is accomplished due to this reinforcement over long distances with minimal bends.



HOW TO ORDER

| LENGTH | ECR® PART NUMBER | ECR-HD® PART NUMBER |
|---------------|------------------|---------------------|
| 100' (30.48m) | A-2048-100 | A-2049-100 |
| 250' (76.20m) | A-2048-250 | A-2049-250 |
| 500' 304.80m) | A-2048-500 | A-2049-500 |

- See catalog sheet CAT-021 CONDUIT CONNECTORS AND ACCESSORIES for the appropriate adaptors and connectors.

HOW TO ORDER - STRAIN RELIEFS



A-1811-1 - QCI INSULATOR Non-Conductive. Withstands spatter, melting and high temperature of the welding environment. Slides over connectors to insulate and isolate fittings.



A-1873-2 Strain Relief 12" (30cm)
A-1873-1 Strain Relief 48" (121cm)

Heavy walled rubberized, heat activated tubing provides addition strain relief reinforcement. Can be field installed or factory installed.

