



CO-OPERATIVE INDUSTRIES  
AEROSPACE & DEFENSE

Flexible Conduit Assemblies

*Interconnect Solutions for Today's Aerospace*

# Flexible Metal Conduit Assemblies for Airframe and Engine Applications



## A Wide Range of Flexible Hose & Conduit Options

CIA&D's **Duraflex**® and **Megaflex**® products offer a wide range of flexible conduit and hose options for use in the aerospace field.

The **Duraflex**® **CAB** series is a pressure tight flexible metal conduit that is resistant to vibration, heat and pressure. Available in brass (non-sparking), nickel-iron and stainless steel, it is manufactured in accordance with A-A-52440 (A-A-52440 supercedes MIL-C-13909C).

**Megaflex**® conduit is a seamless PTFE convoluted tubing manufactured in accordance to AS81914. This product is also available in extra flexible linear aromatic polymer (PEEK).

Both can be braided with a variety of protective materials. Common applications include electrical wiring, landing gear and ignition leads.



## Advantages

- In-House Manufacture of Flexible Metal Conduit and PTFE Braiding of Convoluted Conduit
- Our large in-house Braiding Department allows us to braid a variety of products (Stainless Steel, Brass, Nylon, Nomex®, PEEK™, Kevlar® and others)
- Abrasion Resistance
- Chemical Resistance
- Non-Spark Promoting
- EMI/RFI Shielding
- Provides Moisture Barrier

## Contact Us

For details and additional information on the advantages CIA&D can offer you, contact:

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## About Co-Operative Industries Aerospace & Defense

Co-Operative Industries Aerospace & Defense (CIA&D) is an AS9100C and ISO9001:2000 registered company based in Fort Worth, Texas. The company develops and manufactures electrical wiring interconnects, ignition leads, and flexible conduits for airframe, engine, and ground support equipment for a number of prime contractors.

In addition to manufacturing capabilities, CIA&D also provides Part 145 repair services such as check & test, overhaul and repair, and S/B incorporation for many of the commercial aircraft wiring harnesses in service today.