The image features a dark background with several pieces of corrugated conduit. One piece is white and stands out prominently in the foreground, angled upwards. Behind it are several other pieces in shades of orange and red, some of which are slightly out of focus. The lighting creates highlights on the ridges of the corrugated surface, emphasizing its texture. In the upper right corner, the text 'Pliable Corrugated Conduit' is written in a white, monospaced font. In the lower right corner, a paragraph of text describes the product's features and applications.

## Pliable Corrugated Conduit

"Wiraflex", the brand as Greenland's corrugated pliable conduits are exclusively known, is perfect for long distance coverage of surface and under surface cable installations. These conduits have been proven to have excellent insulating abilities and high chemical resistance. Thus, Wiraflex serves as a good protective harness for wires from external exposure.

# Pliable Corrugated Conduit

## Advantages

Greenland's Wiraflex corrugated conduits are highly flexible and lightweight. This complements the excellent insulating abilities and high chemical resistance. Wiraflex corrugated conduit is best used for fast and easy cable installation. To ensure smooth installation of the various Wiraflex products, Greenland also supplies a variety of conduit fittings and accessories.

## Types of Materials

Wiraflex corrugated conduit comes in four types of materials:

- **HDPE** (High Dense Polyethylene)
- **PVC** (Polyvinyl Chloride)
- **PP** (Polypropylene)
- **HF** (Halogen Free)\*

As a result, customers can choose the suitable grades to meet the UL/RoHS requirements.

## Standards Compliance

Wiraflex corrugated conduits are manufactured to comply with **BSEN 61386-22:2004 (IEC 61386-22:2002)**.

HF conduits are also in compliance with **ASTM E662:2006, IEC 60754-1:1994, IEC 60754-2:1997 (Amendment 1: 1997)**.

## Product Properties & Characteristics

- Light weight & highly flexible – facilitate easy and fast installation
- Non-kinking
- High corrosion resistant
- High chemical resistance (acid & alkaline)
- Flame retardant (non-flame propagation)
- High Impact and compression strength (Heavy Gauge for HF grade)
- High temperature tolerance – from -5°C to 60°C
- UV resistant
- Halogen Free – non-toxic and corrosive gas emission (HF Grade)

\* Wiraflex HF corrugated conduit is exclusively used for cable installation to meet highest safety requirements. It possesses the advantage properties of high temperature resistant (-25°C to 110°C), low smoke, non-toxic and corrosive gas emission when subject to fire. What's more, Wiraflex HF corrugated conduit has excellent impact and compression strength and flame retardant properties.

## Specifications

Code	O.D mm	I.D mm	Length per roll m	Colour black/white	Standard Packing Quantity
WIRA/SP 08	11	08	200	B	3
WIRA/SP 10	13	11	100	B	3
WIRAFLEX 16	16	12	50	B/W	5
WIRAFLEX 20	20	15	50	B/W	5
WIRAFLEX 25	25	20	50	B/W	5
WIRAFLEX 32	32	25	25	B/W	5
WIRAFLEX 40	40	31	25	B/W	3
WIRAFLEX 50	50	43	25	B/W	3

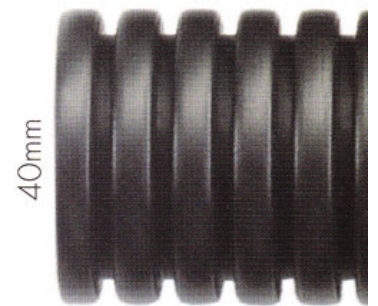
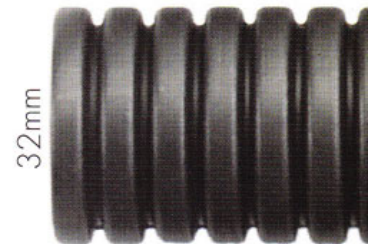
\*\* Also available in orange colour for  $\varnothing 20\text{mm}$  &  $\varnothing 25\text{mm}$ . Two grades available: Flame Retardant & Non-Flame Retardant Grades.



▲  $\varnothing 8\text{mm}$  and  $\varnothing 10\text{mm}$  come with a continuous slit on the corrugated conduits to facilitate wiring of cables.



▲ Highly flexible and non-kinking.



(Actual size)

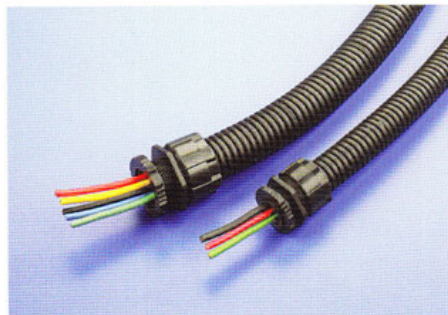
# Pliable Corrugated Conduit

## Corrugated Flexible Conduit Fittings

Greenland has a range of corrugated flexible conduit fittings for connection and installing the flexible conduits. Customers can choose from the myriad of conduit fittings to suit their individual installation requirements.

## Corrugated Gland

Code	Particular mm	Colour	Standard Packing Quantity
A-C/GLAND 20	20	Black	100pcs
A-C/GLAND 25	25	Black	100pcs



Other than the Gland fitting, other accessories are available. (Refer to Rigid Conduit & Accessories)



## Standard Packing

Wiraflex corrugated conduit is packed in coil form and wrapped with a clear film wrapping.

