



## Features

- Range of flexible conduit suitable for various applications
- IP66, IP67, IP68 (5 bar)
- Temperature ranges: -20°C to +105°C (FEZ, FFZ, FGZ)  
-45°C to +135°C (FDZ, FAZ)
- Available in various materials

## Benefits

- Provides impact and environmental protection for cables in outdoor/indoor installations

## Materials

- 316 stainless steel
- Galvanised steel

## Threadforms

- Metric

## Technical specification

### Conduit type FEZ

Description:	Galvanised steel, helically wound, flexible conduit with smooth oil-resistant and high temperature PVC cover
Application:	Machine tools or outdoor installations where liquidtight is a requirement
Features:	High mechanical strength and resistant to oils and greases UV-resistant (black) and good flexibility Smooth wipe clean outer cover Cover does not wrinkle when bent
Temperature:	-20°C to +105°C
IP rating:	IP66, IP67, IP68 (5 bar)
Approvals:	Lloyd's Register Type Approval

### Conduit type FDZ

Description:	Galvanised steel, helically wound, flexible conduit with smooth thermoplastic rubber cover. ONLY AVAILABLE IN BLACK
Application:	Machine tools or outdoor installations where liquidtight together with a low or high temperature rating is a requirement
Features:	High mechanical strength and resistant to oils and greases UV-resistant (black) and good flexibility Smooth wipe clean outer cover Cover does not wrinkle when bent
Temperature:	-45°C to +135°C
IP rating:	IP66, IP67, IP68 (5 bar)

### Conduit type FFZ

Description:	Galvanised steel, helically wound, flexible conduit with galvanised steel braid and oil resistant and high temperature PVC smooth cover. ONLY AVAILABLE IN BLACK
Application:	Machinery or outdoor installations where high corrosion resistance and liquidtight are a requirement combined with EMC screening.
Features:	High mechanical strength and resistant to oils and greases UV-resistant (black) and good flexibility Smooth wipe clean outer cover Cover does not wrinkle when bent
Temperature:	-20°C to +105°C
IP rating:	IP66, IP67, IP68 (5 bar)

## Dimensions - FEZ, FDZ, FFZ

Nominal size	Outside dia.	Inside dia.	Inside bend rad.	Inside bend rad. FFZ only
10	11.80	7.00	35.00	-
12	14.20	10.00	40.00	-
16	17.80	12.60	45.00	-
20	21.10	16.00	65.00	65.00
25	26.40	21.00	100.00	100.00
32	33.10	26.50	135.00	120.00
40	41.80	35.40	175.00	140.00
50	47.90	40.40	230.00	180.00
63	59.70	51.60	280.00	-



## Technical specification

### Conduit type FGZ

Description:	Stainless steel (316), helically wound, flexible conduit with oil-resistant and high temperature PVC smooth cover. ONLY AVAILABLE IN BLACK
Application:	Food processing machinery or outdoor applications where high corrosion resistance and liquidtight are a requirement
Features:	High mechanical strength and resistant to oils and greases UV-resistant (black) and good flexibility Smooth wipe clean outer cover Cover does not wrinkle when bent
Temperature:	-20°C to +105°C
IP Rating:	IP66, IP67, IP68 (5 bar)

### Conduit type FAZ

Description:	Galvanised steel, helically wound, flexible conduit with thermoplastic rubber cover and stainless steel (316) overbraid
Application:	Very arduous industrial environments such as steel works
Features:	High mechanical strength High abrasion resistance and very high tensile strength EMC screening performance
Temperature:	-45°C to +135°C
IP Rating:	IP66, IP67, IP68 (5 bar)

### Conduit support P clips type FZZ

Description:	Type FZZ plated steel P clip with PVC liner
Application:	P clips to support flexible conduit Types FAZ, FDZ and FEZ

### Conduit Support P Clips Type FYZ

Description:	Type FYZ stainless steel P clip
Application:	P clips to support flexible conduit Type FAZ, FDZ, FEZ, FFZ and FGZ

## Dimensions - FGZ

Nominal size	Outside dia.	Inside dia.	Inside bend rad.
10	11.80	7.00	35.00
12	14.20	10.00	40.00
16	17.80	12.60	45.00
20	21.10	16.00	65.00
25	26.40	21.00	100.00
32	33.10	26.50	135.00
40	41.80	35.40	175.00
50	47.90	40.40	230.00
63	59.70	51.60	280.00

## Dimensions - FAZ

Nominal size	Outside dia.	Inside dia.	Inside bend rad.
16	19.30	12.60	45.00
20	22.60	16.00	65.00
25	27.90	21.00	100.00
32	34.60	26.50	135.00