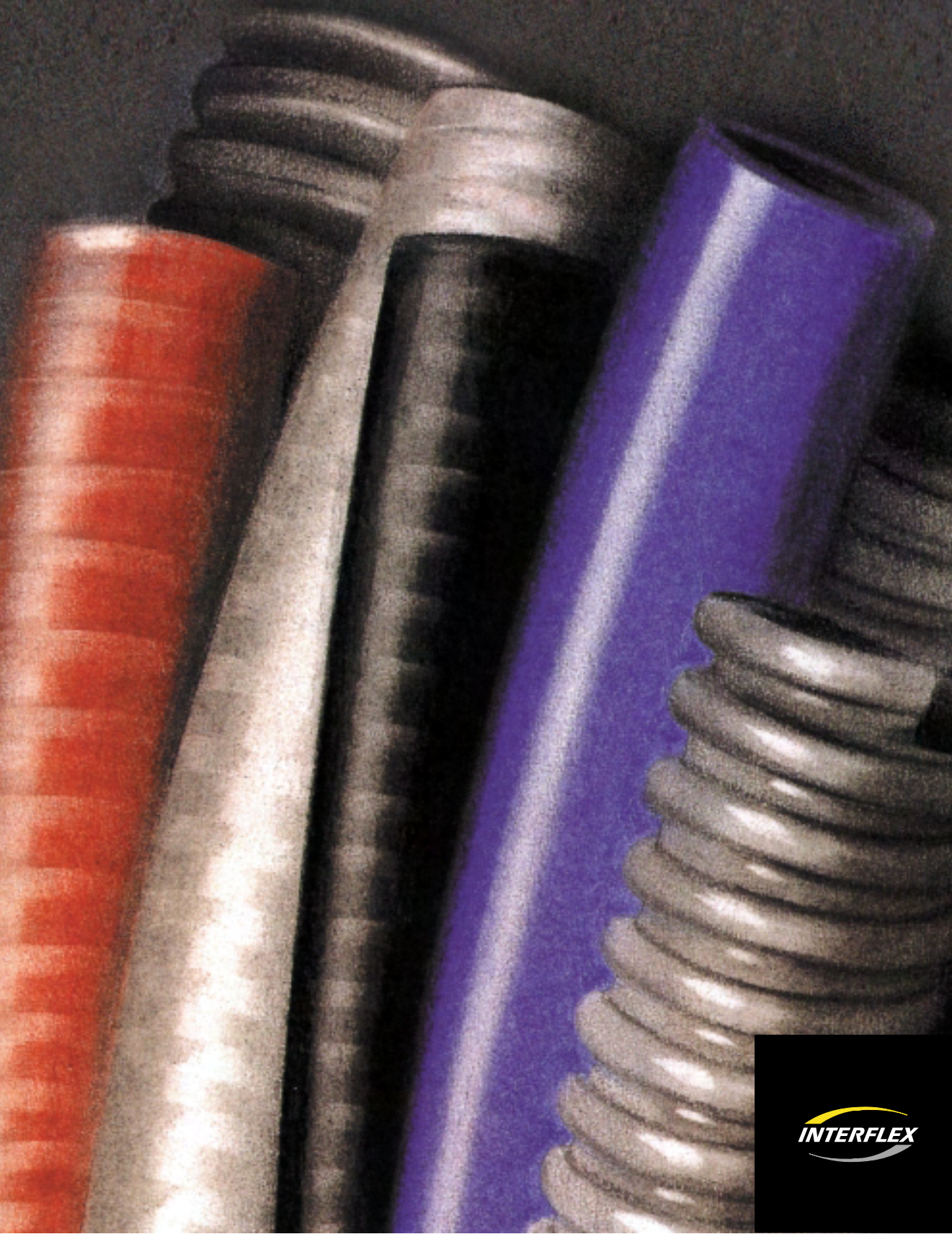


INTERFLEX

INTERFLEX

Flexible conduits  
for electrical wiring protection



INTERFLEX

# HELIPLAST



| art.<br>no.    | Ø inside<br>mm | Ø outside<br>mm | no.  | bending radius<br>mm | weigh<br>kg/m (±10 %) | reeled<br>length (m) |
|----------------|----------------|-----------------|------|----------------------|-----------------------|----------------------|
| <b>77007 *</b> | 9,5            | 12,5            | 7 *  | 14                   | 0,051                 | 25                   |
| <b>77009</b>   | 11,4           | 15,5            | 9    | 16                   | 0,065                 | 25                   |
| <b>77011</b>   | 14,7           | 18,7            | 11   | 20                   | 0,082                 | 25                   |
| <b>77013</b>   | 16,2           | 20,4            | 13,5 | 22                   | 0,105                 | 25                   |
| <b>77016</b>   | 18,0           | 22,5            | 16   | 24                   | 0,135                 | 25                   |
| <b>77021</b>   | 23,0           | 27,6            | 21   | 30                   | 0,178                 | 25                   |
| <b>77029</b>   | 30,5           | 36,1            | 29   | 38                   | 0,250                 | 25                   |
| <b>77036</b>   | 40,1           | 46,8            | 36   | 48                   | 0,375                 | 25                   |
| <b>77048</b>   | 52,0           | 59,5            | 48   | 60                   | 0,550                 | 25                   |

(\*) no standardized

## Description

Highly flexible conduit of rigid PVC spiral core with soft PVC cover, thus allowing a bending radius equal to its outside diameter. Light, self extinguishing, watertight and insulating.

## Material

Rigid and shock-resistant PVC for the spiral core and plasticized PVC for the cover.

## Properties

Colour: grey RAL 7000.

Working temperature: from -5° C up to +70° C.

Degree of protection according to EN 60529: IP 66.

Good resistance to chemical agents.

## Applications

Mechanical and watertight protection of electrical wiring in machinery and other mobile installations.

## Connectors

Straight connectors metric male thread:

JUDODIX ref. 337124 to 337634.

HELIFIX ref. 341570 to 345070.

Straight connectors metric female thread:

JUDODIX ref. 627124 to 627634.

# HELITROPIC



| art.<br>no.    | Ø inside<br>mm | Ø outside<br>mm | no.  | bending radius<br>mm | weigh<br>kg/m (±10 %) | reeled<br>length (m) |
|----------------|----------------|-----------------|------|----------------------|-----------------------|----------------------|
| <b>75007 *</b> | 9,5            | 12,5            | 7 *  | 14                   | 0,051                 | 25                   |
| <b>75009</b>   | 11,4           | 15,5            | 9    | 16                   | 0,065                 | 25                   |
| <b>75011</b>   | 14,7           | 18,7            | 11   | 20                   | 0,082                 | 25                   |
| <b>75013</b>   | 16,2           | 20,4            | 13,5 | 22                   | 0,105                 | 25                   |
| <b>75016</b>   | 18,0           | 22,5            | 16   | 24                   | 0,135                 | 25                   |
| <b>75021</b>   | 23,0           | 27,6            | 21   | 30                   | 0,178                 | 25                   |
| <b>75029</b>   | 30,5           | 36,1            | 29   | 38                   | 0,250                 | 25                   |
| <b>75036</b>   | 40,1           | 46,8            | 36   | 48                   | 0,375                 | 25                   |
| <b>75048</b>   | 52,0           | 59,5            | 48   | 60                   | 0,550                 | 25                   |

(\*) no standardized

## Description

Highly flexible conduit of rigid PVC spiral core with soft PVC cover, thus allowing a bending radius equal to its outside diameter. Light, self extinguishing, watertight and insulating.

## Material

Rigid and shock-resistant PVC for the spiral core and plasticized PVC for the cover.

## Properties

Colour: black RAL 9005.

Working temperature: from -5° C up to +70° C.

Degree of protection according to EN 60529: IP 66.

Good resistance to chemical agents.

## Applications

Mechanical and watertight protection of electrical wiring in machinery and other mobile installations.

## Connectors

Straight connectors metric male thread:

JUDODIX ref. 337124 to 337634.

HELIFIX ref. 341570 to 345070

Straight connectors metric female thread:

JUDODIX ref. 627124 to 627634.

### Description

Flexible metal conduit of shaped strip rolled in a spiral. Self extinguishing adapted flexible PVC covering.  
Special profile to avoid the spirals pinching the coating.  
Shielded. Watertight.

### Material

Cold rolled DC 01 + ZE 50/50 (2 x 36 g/m<sup>2</sup> Zn) quality steel strip according to EN 10152.  
Electro-galvanized on both sides.  
High quality, flexible PVC coating.  
Also available in stainless steel on request.

### Properties

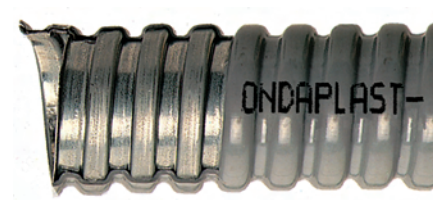
Colour: grey RAL 7000.  
Working temperature: from -10° C up to +70° C (PVC).  
Degree of protection according to EN 60529: IP 66.  
Good resistance to chemical agents.

### Applications

Mechanical and watertight protection of electrical wiring in machinery and other mobile installations.  
High frequency shield.

### Connectors

Straight connector metric male thread:  
JUDODIX ref. 330124 to 330634.  
Straight connector metric female thread:  
JUDODIX ref. 620124 to 620634.



| art. no.       | Ø inside mm | Ø outside mm | no.  | bending radius mm | weigh kg/m (±10 %) | reeled length (m) |
|----------------|-------------|--------------|------|-------------------|--------------------|-------------------|
| <b>99007 *</b> | 9,2         | 12,6         | 7 *  | 30                | 0,108              | 25                |
| <b>99009</b>   | 11,3        | 15,2         | 9    | 38                | 0,207              | 25                |
| <b>99011</b>   | 14,4        | 18,6         | 11   | 52                | 0,244              | 25                |
| <b>99013</b>   | 16,2        | 20,4         | 13,5 | 54                | 0,268              | 25                |
| <b>99016</b>   | 17,9        | 22,5         | 16   | 60                | 0,297              | 25                |
| <b>99021</b>   | 23,0        | 28,3         | 21   | 72                | 0,400              | 25                |
| <b>99029</b>   | 30,4        | 37,0         | 29   | 76                | 0,580              | 25                |
| <b>99036</b>   | 39,4        | 47,0         | 36   | 102               | 0,835              | 25                |
| <b>99048</b>   | 51,8        | 60,0         | 48   | 115               | 1,140              | 20                |

(\*) no standardized

### Description

Flexible metal conduit of shaped strip rolled in a spiral. Self extinguishing adapted flexible PVC covering.  
Special profile to avoid the spirals pinching the coating.  
Shielded. Watertight.

### Material

Cold rolled DC 01 + ZE 50/50 (2 x 36 g/m<sup>2</sup> Zn) quality steel strip according to EN 10152.  
Electro-galvanized on both sides.  
High quality, flexible PVC coating.  
Also available in stainless steel on request.

### Properties

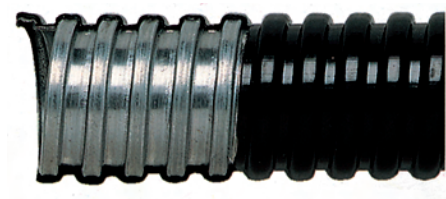
Colour: black RAL 9005.  
Working temperature: from -10° C up to +70° C (PVC).  
Degree of protection according to EN 60529: IP 66.  
Good resistance to chemical agents.

### Applications

Mechanical and watertight protection of electrical wiring in machinery and other mobile installations in hard environmental conditions.  
High frequency shield.

### Connectors

Straight connector metric male thread:  
JUDODIX ref. 330124 to 330634.  
Straight connector metric female thread:  
JUDODIX ref. 620124 to 620634.



| art. no.       | Ø inside mm | Ø outside mm | no.  | bending radius mm | weigh kg/m (±10 %) | reeled length (m) |
|----------------|-------------|--------------|------|-------------------|--------------------|-------------------|
| <b>96007 *</b> | 9,2         | 12,6         | 7 *  | 30                | 0,108              | 25                |
| <b>96009</b>   | 11,3        | 15,2         | 9    | 38                | 0,207              | 25                |
| <b>96011</b>   | 14,4        | 18,6         | 11   | 52                | 0,244              | 25                |
| <b>96013</b>   | 16,2        | 20,4         | 13,5 | 54                | 0,268              | 25                |
| <b>96016</b>   | 17,9        | 22,5         | 16   | 60                | 0,297              | 25                |
| <b>96021</b>   | 23,0        | 28,3         | 21   | 72                | 0,400              | 25                |
| <b>96029</b>   | 30,4        | 37,0         | 29   | 76                | 0,580              | 25                |
| <b>96036</b>   | 39,4        | 47,0         | 36   | 102               | 0,835              | 25                |
| <b>96048</b>   | 51,8        | 60,0         | 48   | 115               | 1,140              | 20                |

(\*) no standardized

# INTERPLAST

Type MSB 7 APE  
ACCORDING TO NF C 68-109



| art. no. | Ø inside mm | Ø outside mm | no.         | bending radius mm | weigh kg/m (±10 %) | reeled length (m) |
|----------|-------------|--------------|-------------|-------------------|--------------------|-------------------|
| 44006 *  | 5,8         | 9,0          | NW 6 *      | 25                | 0,075              | 25                |
| 44007 *  | 9,2         | 12,7         | 7 *         | 32                | 0,110              | 25                |
| 44009    | 11,1        | 15,2         | 9           | 36                | 0,204              | 25                |
| 44011    | 14,2        | 18,6         | 11          | 52                | 0,252              | 25                |
| 44013    | 15,7        | 20,4         | 13,5        | 54                | 0,300              | 25                |
| 44016    | 17,5        | 22,5         | 16          | 62                | 0,330              | 25                |
| 44021    | 22,7        | 28,3         | 21          | 64                | 0,440              | 25                |
| 44029    | 30,4        | 37,0         | 29          | 78                | 0,640              | 25                |
| 44036    | 39,1        | 47,0         | 36          | 90                | 0,870              | 25                |
| 44048    | 50,9        | 60,0         | 48          | 100               | 1,280              | 20                |
| 44250 *  | 60,0        | 69,9         | NW 2-1/2" * | 120               | 1,830              | 10                |

(\*) no standardized

NW = nominal width. NW 3" and 4" on request

## Description

Flexible metal conduit of shaped strip rolled in a spiral. Self extinguishing flexible PVC covering. Armoured. Watertight.

## Material

Cold rolled DC 01 + ZE 50/50 (2 x 36 g/m<sup>2</sup> Zn) quality steel strip according to EN 10152. Electro-galvanized on both sides. High quality, flexible PVC coating. Also available in stainless steel on request.

## Properties

Colour: metallic grey.  
Working temperature: from -10° C up to +70° C (PVC).  
Degree of protection according to EN 60529: IP 66.  
Good resistance to chemical agents.

## Applications

Mechanical and watertight protection of electrical wiring in machinery and other mobile installations. High frequency shield.

## Connectors

Straight connector metric male thread: JUDODIX ref. 330124 to 330634.  
Straight connector metric female thread: JUDODIX ref. 620124 to 620634.

# ECOPLAST



| art. no. | Ø inside mm | Ø outside mm | no.  | bending radius mm | weigh kg/m (±10 %) | reeled length (m) |
|----------|-------------|--------------|------|-------------------|--------------------|-------------------|
| 45007 *  | 9,2         | 12,2         | 7 *  | 24                | 0,102              | 25                |
| 45009    | 11,4        | 14,8         | 9    | 32                | 0,130              | 25                |
| 45011    | 14,9        | 18,4         | 11   | 34                | 0,168              | 25                |
| 45013    | 16,4        | 20,0         | 13,5 | 36                | 0,187              | 25                |
| 45016    | 18,2        | 21,8         | 16   | 42                | 0,210              | 25                |
| 45021    | 22,7        | 27,6         | 21   | 56                | 0,325              | 25                |
| 45029    | 31,1        | 36,2         | 29   | 72                | 0,460              | 25                |
| 45036    | 39,9        | 46,5         | 36   | 92                | 0,680              | 25                |
| 45048    | 52,8        | 59,5         | 48   | 108               | 0,900              | 20                |

(\*) no standardized

## Description

Light and economic flexible metal conduit of shaped strip rolled in a spiral. Self extinguishing adapted flexible PVC covering. Shielded. Watertight.

## Material

Cold rolled DC 01 + ZE 50/50 (2 x 36 g/m<sup>2</sup> Zn) quality steel strip according to EN 10152. Electro-galvanized on both sides. High quality, flexible PVC coating.

## Properties

Colour: grey RAL 7000.  
Working temperature: from -10° C up to +70° C (PVC).  
Degree of protection according to EN 60529: IP 66.  
Good resistance to chemical agents.

## Applications

Mechanical and watertight protection of electrical wiring in machinery and other mobile installations. High frequency shield.

## Connectors

Straight connector metric male thread: JUDODIX ref. 330124 to 330634.  
Straight connector metric female thread: JUDODIX ref. 620124 to 620634.

### Description

Flexible metal conduit of shaped strip rolled in a spiral. Uncovered.  
Armoured. Not watertight.

### Material

Cold rolled DC 01 + ZE 50/50 (2 x 36 g/m<sup>2</sup> Zn)  
quality steel strip according to EN 10152.  
Electro-galvanized on both sides.

### Properties

Surface finish: matt.  
Working temperature: up to 300° C.  
Degree of protection according to EN 60529: IP 40.

### Applications

Mechanical protection of electrical wiring in machinery and other mobile installations.  
High frequency shield.

### Connectors

Straight connector metric male thread:  
JUDODIX ref. 330124 to 330634.  
Straight connector metric female thread:  
JUDODIX ref. 620124 to 620634.



| art. no. | Ø inside mm | Ø outside mm | no.         | bending radius mm | weigh kg/m (±10 %) | reeled length (m) |
|----------|-------------|--------------|-------------|-------------------|--------------------|-------------------|
| 22003 *  | 5,8         | 8,1          | NW 6 *      | 30                | 0,055              | 50                |
| 22004 *  | 6,8         | 9,1          | NW 7 *      | 30                | 0,070              | 50                |
| 22005 *  | 8,0         | 11,0         | NW 8 *      | 25                | 0,088              | 50                |
| 22007 *  | 10,0        | 13,0         | 7 *         | 30                | 0,097              | 50                |
| 22009    | 11,9        | 15,2         | 9           | 36                | 0,185              | 50                |
| 22011    | 15,2        | 18,6         | 11          | 52                | 0,220              | 50                |
| 22013    | 17,0        | 20,4         | 13,5        | 54                | 0,235              | 50                |
| 22016    | 18,5        | 22,5         | 16          | 62                | 0,275              | 50                |
| 22021    | 24,0        | 28,3         | 21          | 64                | 0,340              | 25                |
| 22029    | 32,3        | 37,0         | 29          | 70                | 0,480              | 15                |
| 22036    | 41,5        | 47,0         | 36          | 100               | 0,665              | 15                |
| 22048    | 54,5        | 60,0         | 48          | 106               | 0,880              | 15                |
| 22250 *  | 63,0        | 70,0         | NW 2-1/2" * | 120               | 1,350              | 10                |

(\*) no standardized

NW = nominal width. NW 3", 4" and 5" on request

### Description

Flexible metal conduit of shaped strip rolled in a spiral. Uncovered.  
Armoured. Not watertight.

### Material

Cold rolled, 304 quality stainless steel strip in compliance with AISI requirements, particularly resistant to corrosion.

### Properties

Surface finish: shiny.  
Working temperature: up to 500° C.  
Degree of protection according to EN 60529: IP 40.

### Applications

Mechanical protection of electrical wiring in machinery and other mobile installations in corrosive environments.  
High frequency shield.

### Connectors

Straight connector metric male thread:  
JUDODIX ref. 330124 to 330634.  
Straight connector metric female thread:  
JUDODIX ref. 620124 to 620634.



| art. no. | Ø inside mm | Ø outside mm | no.         | bending radius mm | weigh kg/m (±10 %) | reeled length (m) |
|----------|-------------|--------------|-------------|-------------------|--------------------|-------------------|
| 30009    | 12,0        | 15,2         | 9           | 36                | 0,162              | 50                |
| 30011    | 14,9        | 18,6         | 11          | 52                | 0,190              | 50                |
| 30013    | 16,7        | 20,4         | 13,5        | 54                | 0,210              | 50                |
| 30016    | 18,8        | 22,5         | 16          | 62                | 0,245              | 50                |
| 30021    | 24,0        | 28,3         | 21          | 64                | 0,400              | 25                |
| 30029    | 32,7        | 37,0         | 29          | 70                | 0,550              | 15                |
| 30036    | 41,0        | 47,0         | 36          | 100               | 0,720              | 15                |
| 30048    | 54,0        | 60,0         | 48          | 106               | 0,950              | 10                |
| 30250 *  | 63,0        | 70,0         | NW 2-1/2" * | 120               | 1,380              | 10                |

(\*) no standardized

NW = nominal width. NW 3", 4" and 5" on request

## HELIFIX CONNECTOR AND METRIC THREAD

### Description

Plastic material connector made up of a cylindrical body with a hex base for spanner tightening, male fastening thread and a helical shoulder in an internal cavity for conduit fastening.



### Specifications

Polyamide 6,6, dark grey.  
Use temperature: -30°C - +100°C approx.  
Protection grade IP65 to EN 60529  
(conduit + connector assembly).  
Metric thread to EN 60423.

### Applications

FASTENING OF HELIPLAST AND HELITROPIC type HELICAL FLEXIBLE CONDUITS.

#### Helifix

| art. no. |        | conduit no. | M thread | spanner | thread length | total height | inside Ø | weight g |
|----------|--------|-------------|----------|---------|---------------|--------------|----------|----------|
| grey     | black  |             |          |         |               |              |          |          |
| 341570   | 341560 | 9           | 16x1,5   | 19      | 7             | 18,5         | 8,0      | 3        |
| 342070   | 342060 | 11          | 20x1,5   | 22      | 8             | 20,0         | 11,0     | 4        |
| 342770   | 342760 | 13,5        | 20x1,5   | 24      | 8             | 21,0         | 13,5     | 5        |
| 342570   | 342560 | 16          | 25x1,5   | 27      | 9             | 22,5         | 15,5     | 6        |
| 343270   | 343260 | 21          | 32x1,5   | 32      | 10            | 26,5         | 19,5     | 9        |
| 344070   | 344060 | 29          | 40x1,5   | 41      | 12            | 30,5         | 27,0     | 16       |
| 345070   | 345060 | 36          | 50x1,5   | 55      | 14            | 34,5         | 36,0     | 25       |

## JUDODIX CONNECTOR WITH INSULATING TERMINAL AND METRIC THREAD

### Description

Metal connector made up of three parts: the body with the fastening thread in male (AMM) or female (AHM) version and hex base with spanner flats, male (AHM) version and hex base with spanner flats, head with hex flange with spanner flats, plastic material sealing and insulating terminal.



### Specifications

Nickel-plated brass metal parts.  
Polyethylene seal.  
Use temperature: -40°C - + 70°C approx.  
(polyethylene).  
Protection grade IP65 to EN 60529  
(conduit+ connector assembly).  
Metric thread to EN 60423.

### Applications

FASTENING OF HELIPLAST AND HELITROPIC type HELICAL PLASTIC FLEXIBLE CONDUITS.

#### Judodix AMM (male thread)

| art. no. | conduit no. | M thread | spanner (body) | spanner (head) | thread length | total height | inside Ø | weight g |
|----------|-------------|----------|----------------|----------------|---------------|--------------|----------|----------|
| 339104   | 6           | 10x1,0   | 14             | 15             | 6             | 17,5         | 5,8      | -        |
| 337124   | 7           | 12x1,5   | 17             | 19             | 6             | 16,2         | 7,5      | 11,3     |
| 337164   | 9           | 16x1,5   | 20             | 22             | 6             | 18,5         | 9,2      | 17,0     |
| 337204   | 11          | 20x1,5   | 24             | 26             | 7             | 20,0         | 11,9     | 24,0     |
| 337224   | 13,5        | 20x1,5   | 26             | 28             | 7             | 20,2         | 13,6     | 27,0     |
| 337254   | 16          | 25x1,5   | 28             | 30             | 8             | 22,0         | 15,3     | 32,6     |
| 337324   | 21          | 32x1,5   | 36             | 36             | 8             | 24,5         | 20,2     | 56,5     |
| 337404   | 29          | 40x1,5   | 45             | 47             | 10            | 29,5         | 26,7     | 95,3     |
| 337504   | 36          | 50x1,5   | 58             | 60             | 11            | 37,0         | 34,6     | 176,0    |
| 337634   | 48          | 63x1,5   | 70             | 74             | 15            | 47,5         | 45,3     | 330,0    |
| 339904   | G 3"        | 90x2,0   | 110            | 120            | 22            | 73,0         | 72,0     | -        |
| 339994   | G 4"        | 110x2,0  | 140            | 150            | 22            | 81,5         | 97,0     | -        |

#### Judodix AHM (female thread)

| art. no. | conduit no. | M thread | spanner (body) | spanner (head) | thread length | total height | inside Ø | weight g |
|----------|-------------|----------|----------------|----------------|---------------|--------------|----------|----------|
| 629104   | 6           | 10x1,0   | 14             | 15             | 6             | 17,5         | 5,8      | -        |
| 627124   | 7           | 12x1,5   | 17             | 19             | 6             | 16,2         | 7,5      | 11,6     |
| 627164   | 9           | 16x1,5   | 20             | 22             | 6             | 18,5         | 9,2      | 17,0     |
| 627204   | 11          | 20x1,5   | 24             | 26             | 7             | 20,0         | 11,9     | 22,7     |
| 627224   | 13,5        | 20x1,5   | 26             | 28             | 7             | 20,2         | 13,6     | 25,8     |
| 627254   | 16          | 25x1,5   | 28             | 30             | 8             | 22,0         | 15,3     | 29,8     |
| 627324   | 21          | 32x1,5   | 36             | 36             | 8             | 24,5         | 20,2     | 48,7     |
| 627404   | 29          | 40x1,5   | 45             | 47             | 10            | 29,5         | 26,7     | 84,4     |
| 627504   | 36          | 50x1,5   | 58             | 60             | 11            | 37,0         | 34,6     | 165,4    |
| 627634   | 48          | 63x1,5   | 70             | 74             | 15            | 47,5         | 45,3     | 295,0    |
| 629904   | G 3"        | 90x2,0   | 120            | 120            | 22            | 73,0         | 72,0     | -        |
| 629994   | G 4"        | 110x2,0  | 140            | 150            | 22            | 81,5         | 97,0     | -        |

## JUDODIX CONNECTOR WITH GROUND CONNECTION AND METRIC THREAD

### Description

Metal connector made up of four parts: the body with the fastening thread in male (CMM) or female (CHM) version and hex base with spanner flats, ground connection bush and plastic material sealing ring.

### Specifications

Nickel-plated brass metal parts.

Polyethylene seal.

Use temperature: -40°C - + 70°C approx. (polyethylene).

Protection grade IP65 to EN 60529

(sealed conduit + connector assembly).

Metric thread to EN 60423.

### Applications

FASTENING AND GROUND CONTINUITY OF ECOPLAST, INTERFLEX, INTERFLEX-INOX, INTERPLAST, ONDAPLAST AND ONDATROPIC TYPE FLEXIBLE METAL CONDUITS.

#### Judodix CMM (male thread)

| art. no. | conduit no. | M thread | spanner (body) | spanner (head) | thread length | total height | inside Ø | weight g |
|----------|-------------|----------|----------------|----------------|---------------|--------------|----------|----------|
| 336104   | 6           | 10x1,0   | 14             | 15             | 6             | 17,5         | 5,8      | -        |
| 330124   | 7           | 12x1,5   | 17             | 19             | 6             | 16,2         | 7,5      | 14,0     |
| 330164   | 9           | 16x1,5   | 20             | 22             | 6             | 18,5         | 9,2      | 21,0     |
| 330204   | 11          | 20x1,5   | 24             | 26             | 7             | 20,0         | 11,9     | 31,0     |
| 330224   | 13,5        | 20x1,5   | 26             | 28             | 7             | 20,2         | 13,6     | 33,8     |
| 330254   | 16          | 25x1,5   | 28             | 30             | 8             | 22,0         | 15,3     | 41,4     |
| 330324   | 21          | 32x1,5   | 36             | 36             | 8             | 24,5         | 20,2     | 72,8     |
| 330404   | 29          | 40x1,5   | 45             | 47             | 10            | 29,5         | 26,7     | 125,8    |
| 330504   | 36          | 50x1,5   | 58             | 60             | 11            | 37,0         | 34,6     | 238,4    |
| 330634   | 48          | 63x1,5   | 70             | 74             | 15            | 47,5         | 45,3     | 487,0    |
| 336904   | G 3"        | 90x2,0   | 110            | 120            | 22            | 73,0         | 72,0     | -        |
| 336994   | G 4"        | 110x2,0  | 140            | 150            | 22            | 81,5         | 97,0     | -        |

#### Judodix CHM (female thread)

| art. no. | conduit no. | M thread | spanner (body) | spanner (head) | thread length | total height | inside Ø | weight g |
|----------|-------------|----------|----------------|----------------|---------------|--------------|----------|----------|
| 626104   | 6           | 10x1,0   | 14             | 15             | 6             | 17,5         | 5,8      | -        |
| 620124   | 7           | 12x1,5   | 17             | 19             | 6             | 16,2         | 7,5      | 14,3     |
| 620164   | 9           | 16x1,5   | 20             | 22             | 6             | 18,5         | 9,2      | 21,0     |
| 620204   | 11          | 20x1,5   | 24             | 26             | 7             | 20,0         | 11,9     | 29,3     |
| 620224   | 13,5        | 20x1,5   | 26             | 28             | 7             | 20,2         | 13,6     | 32,3     |
| 620254   | 16          | 25x1,5   | 28             | 30             | 8             | 22,0         | 15,3     | 38,5     |
| 620324   | 21          | 32x1,5   | 36             | 36             | 8             | 24,5         | 20,2     | 60,5     |
| 620404   | 29          | 40x1,5   | 45             | 47             | 10            | 29,5         | 26,7     | 115,0    |
| 620504   | 36          | 50x1,5   | 58             | 60             | 11            | 37,0         | 34,6     | 227,7    |
| 620634   | 48          | 63x1,5   | 70             | 74             | 15            | 47,5         | 45,3     | 452,0    |
| 626904   | G 3"        | 90x2,0   | 120            | 120            | 22            | 73,0         | 72,0     | -        |
| 626994   | G 4"        | 110x2,0  | 140            | 150            | 22            | 81,5         | 97,0     | -        |



## LOCKNUTS

### Description

Hexagonal locknuts with spanner flats and female thread for fastening the connectors at non-threaded cable inputs, usually in metal plate or plastic housings.



### Metal locknuts

#### Specifications

Nickel-plated brass.

Use temperature: + 800°C.

Metric thread to EN 60423.

### Plastic locknuts

#### Specifications

Polyamide 6.6, dark grey.

Use temperature: -30°C - + 100°C approx.

Metric thread to EN 60423.



#### Metal hexagonal locknut

| art. no. | M thread | spanner | thread length | weight g |
|----------|----------|---------|---------------|----------|
| 221090   | 10x1,0   | 12      | 2,5           | 1,0      |
| 311205   | 12x1,5   | 15      | 2,8           | 2,1      |
| 311605   | 16x1,5   | 19      | 2,8           | 2,8      |
| 312005   | 20x1,5   | 24      | 3,0           | 4,9      |
| 312505   | 25x1,5   | 30      | 3,5           | 8,8      |
| 313205   | 32x1,5   | 36      | 4,0           | 11,0     |
| 314005   | 40x1,5   | 46      | 5,0           | 23,6     |
| 315005   | 50x1,5   | 60      | 5,0           | 33,0     |
| 316305   | 63x1,5   | 70      | 6,0           | 44,3     |
| 229094   | 90x2,0   | 100     | 10,0          | 190,0    |

#### Metal hexagonal locknut (equipotential)

| art. no. | M thread | spanner | thread length | weight g |
|----------|----------|---------|---------------|----------|
| 229104   | 10x1,0   | 12      | 3,1           | 1,2      |
| 229124   | 12x1,5   | 14      | 3,6           | 2,2      |
| 229164   | 16x1,5   | 18      | 3,6           | 3,0      |
| 229204   | 20x1,5   | 23      | 3,6           | 5,1      |
| 229554   | 25x1,5   | 28      | 3,6           | 9,1      |
| 229324   | 32x1,5   | 36      | 4,1           | 11,3     |
| 229404   | 40x1,5   | 44      | 4,6           | 24,0     |
| 229504   | 50x1,5   | 54      | 4,6           | 34,0     |
| 229634   | 63x1,5   | 70      | 6,6           | 45,0     |

#### Plastic hexagonal locknut

| art. no. | M thread | spanner | thread length | weight g |
|----------|----------|---------|---------------|----------|
| 271282   | 12x1,5   | 17      | 5             | 1,0      |
| 271682   | 16x1,5   | 22      | 5             | 1,0      |
| 272082   | 20x1,5   | 26      | 6             | 1,5      |
| 272582   | 25x1,5   | 32      | 6             | 2,0      |
| 273282   | 32x1,5   | 42      | 7             | 3,0      |
| 274082   | 40x1,5   | 52      | 7             | 5,0      |
| 275082   | 50x1,5   | 62      | 9             | 15,0     |
| 276382   | 63x1,5   | 78      | 9             | 25,0     |



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