

# HC-WR/PG16 - Protective hose

1666841

<https://www.phoenixcontact.com/us/products/1666841>



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Protective hose, for protective house screw connection, packing volume: 50 m, Pg16

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1666841                        |
| Packing unit                         | 1 m                            |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF66                           |
| Product key                          | BF7AZW                         |
| Catalog page                         | Page 51 (C-2-2013)             |
| GTIN                                 | 4017918136888                  |
| Weight per piece (including packing) | 1.494 kg                       |
| Weight per piece (excluding packing) | 1.494 kg                       |
| Customs tariff number                | 39173900                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|                     |                 |
|---------------------|-----------------|
| Product type        | Corrugated pipe |
| Pg screw connection | Pg16            |

### Material specifications

|                                        |      |
|----------------------------------------|------|
| Color                                  | gray |
| Material                               | PA   |
| Flammability rating according to UL 94 | HB   |

### Cable/line

|                                               |                    |
|-----------------------------------------------|--------------------|
| External cable diameter                       | 0.1 mm ... 21.2 mm |
| Bending radius, static                        | 45.00 mm           |
| Smallest bending radius, movable installation | 45 mm              |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                                                                   |
|---------------------------------|-------------------------------------------------------------------|
| Ambient temperature (operation) | -40 °C ... 110 °C                                                 |
| Durability                      | 700 N 100 mm based on size M25 700 N / 100 mm (based on size M25) |

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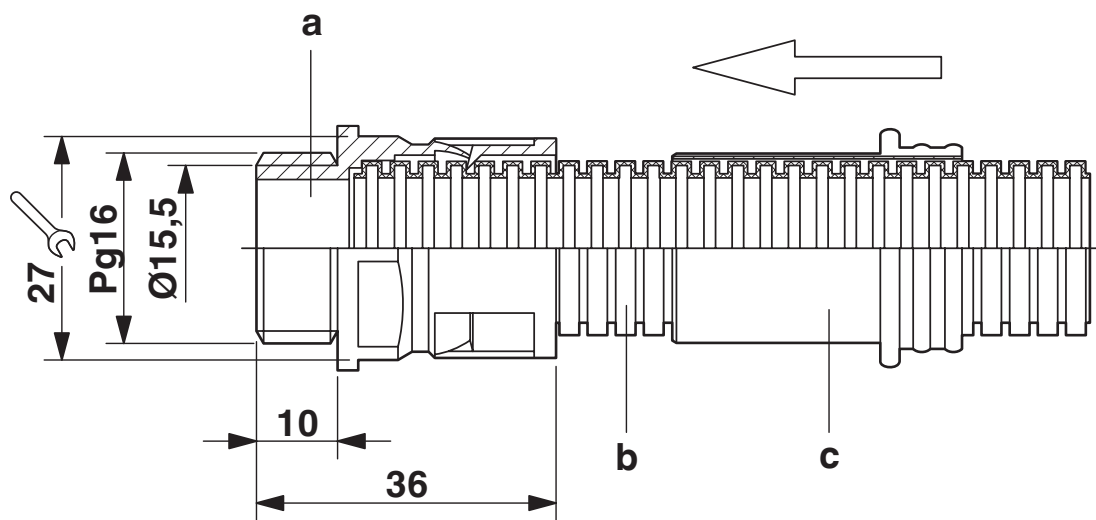


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## Drawings

Dimensional drawing



## Assembly instructions for Pg16 corrugated pipe

a = Corrugated screw connection

B = Corrugated pipe

c = Opener

Installation note:

Cut the corrugated pipe in the groove to retain a round shape for insertion. The lighter seal (not depicted in the illustration) is positioned in the corrugated pipe screw connection below the safety latch. The darker outer seal (not depicted in the illustration) is placed over the corrugated pipe screw connection from outside. The corrugated pipe is then pushed as far as possible into the corrugated pipe screw connection and clicks into place. The screw connection is opened by placing the yellow corrugated pipe opener with force between the safety latch and the corrugated tube and the corrugated pipe is then pulled out.

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