

# WP-PA HF 42,5 BK - Protective hose



3241089

<https://www.phoenixcontact.com/us/products/3241089>

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Protective hose, material: PA 6, UV-resistant: yes, flexible, degree of protection: IP68, color: black, flammability rating in acc. with UL 94: V0, inner diameter: 36 mm, Total length: 25 m

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 3241089             |
| Packing unit                         | 1 m                 |
| Minimum order quantity               | 1 m                 |
| Sales key                            | BF68                |
| Product key                          | BF7DSA              |
| Catalog page                         | Page 585 (C-3-2019) |
| GTIN                                 | 4046356736534       |
| Weight per piece (including packing) | 3,850 g             |
| Weight per piece (excluding packing) | 3,850 g             |
| Customs tariff number                | 39173200            |
| Country of origin                    | DE                  |

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## Technical data

### Product properties

|                      |                 |
|----------------------|-----------------|
| Product type         | Corrugated pipe |
| Tensile strength GRP | 100 N           |

### Dimensions

#### External dimensions

|                  |         |
|------------------|---------|
| Outside diameter | 42.5 mm |
|------------------|---------|

#### Internal dimensions

|                   |       |
|-------------------|-------|
| Internal diameter | 36 mm |
|-------------------|-------|

### Material specifications

|  |  |
|--|--|
| Material                               | PA 6                                     |
| Flammability rating according to UL 94 | V0                                       |
| Components                             | free from silicone, halogen, and cadmium |

### Cable/line

|                         |        |
|-------------------------|--------|
| Bending radius, dynamic | 150 mm |
| Bending radius, static  | 90 mm  |
| Tensile strength        | 100 N  |
| Halogen-free            | yes    |

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                   |
|---------------------------------|-------------------|
| Degree of protection            | IP68              |
|                                 | IP69K             |
| Ambient temperature (operation) | -40 °C ... 120 °C |
| Resistance to UV radiation      | yes               |
| Short-term temperature          | 150 °C            |

### Standards and regulations

|                            |     |
|----------------------------|-----|
| Resistance to UV radiation | yes |
|----------------------------|-----|

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27430304 |
| ECLASS-12.0 | 27430304 |
| ECLASS-13.0 | 27430304 |

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | EC001177 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 40141700 |
|-------------|----------|

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## Environmental product compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

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