

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



3240844

<https://www.phoenixcontact.com/us/products/3240844>

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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: HB, inside diameter: 36 mm, Total length: 25 m

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 3240844       |
| Packing unit                         | 1 m           |
| Minimum order quantity               | 25 m          |
| Sales key                            | BF68          |
| Product key                          | AF7DSA        |
| GTIN                                 | 4046356736602 |
| Weight per piece (including packing) | 350 g         |
| Weight per piece (excluding packing) | 98,225 g      |
| Customs tariff number                | 39173200      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|                    |  |
|--------------------|--|
| Notes on operation | Protective hose length is measured stretched out; length tolerance $\pm 5\%$ |
|--------------------|--|

### Product properties

|                      |                 |
|----------------------|-----------------|
| Product type         | Protective hose |
| 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 | HB                                       |
| 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<br>IP69K     |
| Ambient temperature (operation) | -25 °C ... 120 °C |
| Resistance to UV radiation      | yes               |
| Short-term temperature          | 120 °C            |

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## Approvals

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**UL Recognized**  
Approval ID: E86359



**VDE approval of drawings**

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27430304 |
| ECLASS-15.0 | 27430304 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001177 |
|-----------|----------|

### UNSPSC

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

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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