

# WP-PA HF-HB 10,0 BK - Protective hose



3240838

<https://www.phoenixcontact.com/us/products/3240838>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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: 6.5 mm, Total length: 50 m

## Commercial data

Item number	3240838
Packing unit	1 m
Minimum order quantity	50 m
Sales key	BF68
Product key	AF7DSA
GTIN	4046356736541
Weight per piece (including packing)	964 g
Weight per piece (excluding packing)	1,699.5 g
Customs tariff number	39173200
Country of origin	DE

## 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	10 mm
------------------	-------

#### Internal dimensions

Internal diameter	6.5 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	35 mm
Bending radius, static	13 mm
Tensile strength	100 N
Halogen-free	yes

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP68
	IP69K
Ambient temperature (operation)	-25 °C ... 120 °C
Resistance to UV radiation	yes
Short-term temperature	120 °C

# WP-PA HF-HB 10,0 BK - Protective hose



3240838

<https://www.phoenixcontact.com/us/products/3240838>

## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3240838>



**UL Recognized**  
Approval ID: E86359



**VDE approval of drawings**

# WP-PA HF-HB 10,0 BK - Protective hose



3240838

<https://www.phoenixcontact.com/us/products/3240838>

## Classifications

### ECLASS

ECLASS-13.0	27430304
ECLASS-15.0	27430304

### ETIM

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

### UNSPSC

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

# WP-PA HF-HB 10,0 BK - Protective hose



3240838

<https://www.phoenixcontact.com/us/products/3240838>

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)