

# WP-PA HF-HB 21,2 BK - Protective hose



3240841

<https://www.phoenixcontact.com/us/products/3240841>

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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: 16.5 mm, Total length: 50 m

## Commercial data

Item number	3240841
Packing unit	1 m
Minimum order quantity	50 m
Sales key	BF68
Product key	AF7DSA
GTIN	4046356736572
Weight per piece (including packing)	3,225 g
Weight per piece (excluding packing)	3,225 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 $\pm 5\%$
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### Product properties

Product type	Protective hose
Tensile strength GRP	100 N

### Dimensions

#### External dimensions

Outside diameter	21.2 mm
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#### Internal dimensions

Internal diameter	16.5 mm
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### Material specifications

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

### Cable/line

Bending radius, dynamic	75 mm
Bending radius, static	45 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

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## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3240841>



**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
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### UNSPSC

UNSPSC 21.0	40141700
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)