

# Protective hose - WP-PA HF-HB 15,8 BK



3240840

<https://www.phoenixcontact.com/pc/products/3240840>

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Protective hose, material: PA 6, filament: without, UV-resistant: yes, flexible, degree of protection: IP68, color: black, inflammability class in acc. with UL 94: HB, inner diameter: 12 mm, Total length: 50 m

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## Commercial Data

Item number	3240840
Packing unit	50 m
Minimum order quantity	50 m
Note	Made to Order (non-returnable)
Product Key	BF7DSA
Catalog Page	Page 585 (C-3-2019)
GTIN	4046356736565
Weight per Piece (including packing)	35.2 g
Weight per Piece (excluding packing)	35.2 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	Corrugated pipe
Tensile strength GRP	100 N

### Dimensions

#### External dimensions

Outside diameter	15.8 mm
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#### Internal dimensions

Internal diameter	12 mm
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### Material specifications

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

### Connector

Material	PA 6
Material	PA 6

### Cable / line

#### Mechanical properties

Bending radius, dynamic	55 mm
Bending radius, static	35 mm
Tensile strength	100 N

#### Bending cycles

Bending radius, dynamic	55 mm
Bending radius, static	35 mm

#### Ambient conditions

Halogen-free	yes
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP68
	IP69K

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Ambient temperature (operation)	-25 °C ... 120 °C
Resistance to UV radiation	yes
Short-term temperature	120 °C

## Standards and regulations

Resistance to UV radiation	yes
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## Approvals

 <b>UL Recognized</b>				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
External reference			-	-

 <b>VDE Zeichengenehmigung</b>				
	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $mm^2$
External reference			-	-

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## Classifications

### ECLASS

ECLASS-9.0	27430304
ECLASS-10.0.1	27430304
ECLASS-11.0	27430305

### ETIM

ETIM 8.0	EC001175
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### 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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## Accessories

### Protective hose fixing bracket

Protective hose fixing bracket - WP-BASE A M16 - 3241083

<https://www.phoenixcontact.com/pc/products/3241083>



Fixing bracket for protective sleeves, fixed with two screws

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### Transition sleeve from hose to cable

Transition sleeve from hose to cable - WP-EC TPE HF 15,8 BK - 3240976

<https://www.phoenixcontact.com/pc/products/3240976>



End sleeves, transition sleeves, from hose to cable



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## Screw connection

Screw connection - WP-G HF IP66 PG11 BK - 3240890

<https://www.phoenixcontact.com/pc/products/3240890>



Cable gland, Pg thread, IP66 protection, straight

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## Screw connection

Screw connection - WP-G HF IP66 M16 BK - 3240897

<https://www.phoenixcontact.com/pc/products/3240897>



Cable gland, metric thread, IP66 protection, straight

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## Screw connection

Screw connection - WP-G HF IP69K PG11 BK - 3240876

<https://www.phoenixcontact.com/pc/products/3240876>



Cable gland, Pg thread, IP68/69k protection, straight

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## Screw connection

Screw connection - WP-G HF IP69K M16 BK - 3240883

<https://www.phoenixcontact.com/pc/products/3240883>



Cable gland, metric thread, IP68/69k protection, straight

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## Screw connection

Screw connection - WP-GA HF IP66 PG11 BK - 3240918

<https://www.phoenixcontact.com/pc/products/3240918>

Cable gland, Pg thread, IP66 protection, angled



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## Screw connection

Screw connection - WP-GA HF IP66 M20 BK - 3240926

<https://www.phoenixcontact.com/pc/products/3240926>

Cable gland, metric thread, IP66 protection, angled



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## Screw connection

Screw connection - WP-GA HF IP69K PG11 BK - 3240904

<https://www.phoenixcontact.com/pc/products/3240904>

Cable gland, Pg thread, IP68/69k protection, angled



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## Screw connection

Screw connection - WP-GA HF IP69K M16 BK - 3240911

<https://www.phoenixcontact.com/pc/products/3240911>

Cable gland, metric thread, IP68/69k protection, angled



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## Screw connection

Screw connection - WP-GR HF IP66 PG11 BK - 3240946

<https://www.phoenixcontact.com/pc/products/3240946>



Cable gland, Pg thread, IP66 protection, with strain relief

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## Screw connection

Screw connection - WP-GR HF IP66 M20 BK - 3240954

<https://www.phoenixcontact.com/pc/products/3240954>



Cable gland, metric thread, IP66 protection, with strain relief

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## Screw connection

Screw connection - WP-GR HF IP69K PG11 BK - 3240932

<https://www.phoenixcontact.com/pc/products/3240932>



Cable gland, Pg thread, IP68/69k protection, with strain relief

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## Screw connection

Screw connection - WP-GR HF IP69K M20 BK - 3240940

<https://www.phoenixcontact.com/pc/products/3240940>



Cable gland, metric thread, IP68/69k protection, with strain relief

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## Hose clamp

Hose clamp - WP-BASE HF 15,8 - 3240968

<https://www.phoenixcontact.com/pc/products/3240968>

Hose clamp, material: Steel, galvanized, color: black/silver



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## Hose holder with cover

Hose holder with cover - WP-BASE C PA HF 15,8 BK - 3240960

<https://www.phoenixcontact.com/pc/products/3240960>

Hose holder with cover, material: PA, color: black, inflammability class in acc. with UL 94: V2



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## Cable protection end sleeve

Cable protection end sleeve - WP-SC PA HF 15,8 BK - 3240983

<https://www.phoenixcontact.com/pc/products/3240983>

End sleeves as cable protection



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