

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



3240841

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

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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: 17 mm, Total length: 50 m

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Commercial Data

Item number	3240841
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	4046356736572
Weight per Piece (including packing)	64.5 g
Weight per Piece (excluding packing)	64.5 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	21.2 mm
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Internal dimensions

Internal diameter	16.5 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	75 mm
Bending radius, static	45 mm
Tensile strength	100 N

Bending cycles

Bending radius, dynamic	75 mm
Bending radius, static	45 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

 UL Recognized				
	Nominal Voltage U_N	Nominal Current I_N	Cross Section AWG	Cross Section mm^2
External reference			-	-

 VDE Zeichengenehmigung				
	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 PG16 - 3241079

<https://www.phoenixcontact.com/pc/products/3241079>



Fixing bracket for protective sleeves, fixed with two screws

Transition sleeve from hose to cable

Transition sleeve from hose to cable - WP-EC TPE HF 21,2 BK - 3240977

<https://www.phoenixcontact.com/pc/products/3240977>



End sleeves, transition sleeves, from hose to cable

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Screw connection

Screw connection - WP-G HF IP66 PG16 BK - 3240891

<https://www.phoenixcontact.com/pc/products/3240891>



Cable gland, Pg thread, IP66 protection, straight

Screw connection

Screw connection - WP-G HF IP66 M20 BK - 3240898

<https://www.phoenixcontact.com/pc/products/3240898>



Cable gland, metric thread, IP66 protection, straight

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Screw connection

Screw connection - WP-G HF IP69K PG16 BK - 3240877

<https://www.phoenixcontact.com/pc/products/3240877>



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

Screw connection

Screw connection - WP-G HF IP69K M20 BK - 3240884

<https://www.phoenixcontact.com/pc/products/3240884>



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

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Screw connection

Screw connection - WP-GA HF IP66 PG16 BK - 3240919

<https://www.phoenixcontact.com/pc/products/3240919>

Cable gland, Pg thread, IP66 protection, angled



Screw connection

Screw connection - WP-GA HF IP66 M25 BK - 3240927

<https://www.phoenixcontact.com/pc/products/3240927>

Cable gland, metric thread, IP66 protection, angled



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Screw connection

Screw connection - WP-GA HF IP69K PG16 BK - 3240905

<https://www.phoenixcontact.com/pc/products/3240905>

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



Screw connection

Screw connection - WP-GA HF IP69K M20 BK - 3240912

<https://www.phoenixcontact.com/pc/products/3240912>

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



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Screw connection

Screw connection - WP-GR HF IP66 PG16 BK - 3240947

<https://www.phoenixcontact.com/pc/products/3240947>



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

Screw connection

Screw connection - WP-GR HF IP66 M25 BK - 3240955

<https://www.phoenixcontact.com/pc/products/3240955>



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

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Screw connection

Screw connection - WP-GR HF IP69K PG16 BK - 3240933

<https://www.phoenixcontact.com/pc/products/3240933>



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

Screw connection

Screw connection - WP-GR HF IP69K M25 BK - 3240941

<https://www.phoenixcontact.com/pc/products/3240941>



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

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Hose clamp

Hose clamp - WP-BASE HF 22 - 3240970

<https://www.phoenixcontact.com/pc/products/3240970>

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



Hose holder with cover

Hose holder with cover - WP-BASE C PA HF 21,2 BK - 3240961

<https://www.phoenixcontact.com/pc/products/3240961>

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 21,2 BK - 3240984

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End sleeves as cable protection



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