

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



3240844

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

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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: 36 mm, Total length: 25 m

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Commercial Data

Item number	3240844
Packing unit	25 m
Minimum order quantity	25 m
Note	Made to Order (non-returnable)
Product Key	BF7DSA
Catalog Page	Page 585 (C-3-2019)
GTIN	4046356736602
Weight per Piece (including packing)	14 g
Weight per Piece (excluding packing)	3,929 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	42.5 mm
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Internal dimensions

Internal diameter	36 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	150 mm
Bending radius, static	90 mm
Tensile strength	100 N

Bending cycles

Bending radius, dynamic	150 mm
Bending radius, static	90 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 M40 - 3241087

<https://www.phoenixcontact.com/pc/products/3241087>

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 42,5 BK - 3240980

<https://www.phoenixcontact.com/pc/products/3240980>

End sleeves, transition sleeves, from hose to cable



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Screw connection

Screw connection - WP-G HF IP66 PG36 BK - 3240894

<https://www.phoenixcontact.com/pc/products/3240894>



Cable gland, Pg thread, IP66 protection, straight

Screw connection

Screw connection - WP-G HF IP66 M40 BK - 3240901

<https://www.phoenixcontact.com/pc/products/3240901>



Cable gland, metric thread, IP66 protection, straight

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Screw connection

Screw connection - WP-G HF IP69K PG36 BK - 3240880

<https://www.phoenixcontact.com/pc/products/3240880>



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

Screw connection

Screw connection - WP-G HF IP69K M40 BK - 3240887

<https://www.phoenixcontact.com/pc/products/3240887>



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

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Screw connection

Screw connection - WP-GA HF IP66 PG36 BK - 3240922

<https://www.phoenixcontact.com/pc/products/3240922>

Cable gland, Pg thread, IP66 protection, angled



Screw connection

Screw connection - WP-GA HF IP69K PG36 BK - 3240908

<https://www.phoenixcontact.com/pc/products/3240908>

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



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Screw connection

Screw connection - WP-GA HF IP69K M40 BK - 3240915

<https://www.phoenixcontact.com/pc/products/3240915>

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



Screw connection

Screw connection - WP-GR HF IP66 PG36 BK - 3240950

<https://www.phoenixcontact.com/pc/products/3240950>

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



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Screw connection

Screw connection - WP-GR HF IP69K PG36 BK - 3240936

<https://www.phoenixcontact.com/pc/products/3240936>



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

Hose clamp

Hose clamp - WP-BASE HF 45 - 3240973

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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 42,5 BK - 3240964

<https://www.phoenixcontact.com/pc/products/3240964>



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

Cable protection end sleeve

Cable protection end sleeve - WP-SC PA HF 42,5 BK - 3240987

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End sleeves as cable protection

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com