

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



3240838

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

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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: 7 mm, Total length: 50 m

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Commercial Data

| | |
|--------------------------------------|--------------------------------|
| Item number | 3240838 |
| 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 | 4046356736541 |
| Weight per Piece (including packing) | 33.99 g |
| Weight per Piece (excluding packing) | 33.99 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 $\pm 5\%$ |
|--------------------|--|

Product properties

| | |
|----------------------|-----------------|
| Product type | Corrugated pipe |
| Tensile strength GRP | 100 N |

Dimensions

External dimensions

| | |
|------------------|-------|
| Outside diameter | 10 mm |
|------------------|-------|

Internal dimensions

| | |
|-------------------|--------|
| Internal diameter | 6.5 mm |
|-------------------|--------|

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 | 35 mm |
| Bending radius, static | 13 mm |
| Tensile strength | 100 N |

Bending cycles

| | |
|-------------------------|-------|
| Bending radius, dynamic | 35 mm |
| Bending radius, static | 13 mm |

Ambient conditions

| | |
|--------------|-----|
| Halogen-free | yes |
|--------------|-----|

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 |
|----------|----------|

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

Transition sleeve from hose to cable

Transition sleeve from hose to cable - WP-EC TPE HF 10,0 BK - 3240974

<https://www.phoenixcontact.com/pc/products/3240974>

End sleeves, transition sleeves, from hose to cable



Screw connection

Screw connection - WP-G HF IP66 PG7 BK - 3240888

<https://www.phoenixcontact.com/pc/products/3240888>

Cable gland, Pg thread, IP66 protection, straight



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Screw connection

Screw connection - WP-G HF IP66 M10 BK - 3240895

<https://www.phoenixcontact.com/pc/products/3240895>



Cable gland, metric thread, IP66 protection, straight

Screw connection

Screw connection - WP-G HF IP69K PG7 BK - 3240874

<https://www.phoenixcontact.com/pc/products/3240874>



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

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Screw connection

Screw connection - WP-G HF IP69K M10 BK - 3240881

<https://www.phoenixcontact.com/pc/products/3240881>



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

Screw connection

Screw connection - WP-GA HF IP66 PG7 BK - 3240916

<https://www.phoenixcontact.com/pc/products/3240916>



Cable gland, Pg thread, IP66 protection, angled

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Screw connection

Screw connection - WP-GA HF IP66 M10 BK - 3240923

<https://www.phoenixcontact.com/pc/products/3240923>

Cable gland, metric thread, IP66 protection, angled



Screw connection

Screw connection - WP-GA HF IP69K PG7 BK - 3240902

<https://www.phoenixcontact.com/pc/products/3240902>

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



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Screw connection

Screw connection - WP-GA HF IP69K M10 BK - 3240909

<https://www.phoenixcontact.com/pc/products/3240909>

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



Screw connection

Screw connection - WP-GR HF IP66 PG7 BK - 3240944

<https://www.phoenixcontact.com/pc/products/3240944>

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



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Screw connection

Screw connection - WP-GR HF IP69K PG7 BK - 3240930

<https://www.phoenixcontact.com/pc/products/3240930>



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

Screw connection

Screw connection - WP-GR HF IP66 M12 BK - 3240952

<https://www.phoenixcontact.com/pc/products/3240952>



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

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Screw connection

Screw connection - WP-GR HF IP69K M12 BK - 3240938

<https://www.phoenixcontact.com/pc/products/3240938>



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

Hose clamp

Hose clamp - WP-BASE HF 9-10 - 3240965

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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 10,0 BK - 3240958

<https://www.phoenixcontact.com/pc/products/3240958>

Hose holder with cover



Cable protection end sleeve

Cable protection end sleeve - WP-SC PA HF 10,0 BK - 3240981

<https://www.phoenixcontact.com/pc/products/3240981>

End sleeves as cable protection



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