



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Protective hose - WP-PA HF 21,2 BK - 3240683

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Polyamide protective hose, inflammability class V0, UV resistant

Image shows WP-PA HF 13.0 BK version

### Key Commercial Data

Packing unit	1 M
Minimum order quantity	50 M
Custom tariff number	39173200
Country of origin	Germany

### Technical data

#### Dimensions

Inner diameter (f)	16.50 mm
Outside diameter	21.20 mm

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 115 °C
Short-term temperature	150 °C

#### General

Color	black
Type	Helically corrugated plastic hose
Components	free from silicone, halogen, and cadmium
Flammability rating according to UL 94	V0
Material	PA
Bending radius, static	45.00 mm
Bending radius, dynamic	75.00 mm

#### Standards and Regulations

Resistance to UV radiation	yes
Halogen-free	yes

# Protective hose - WP-PA HF 21,2 BK - 3240683

## Technical data

### Standards and Regulations

Connection in acc. with standard	UL
Flammability rating according to UL 94	V0

## Classifications

### eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141131
eCl@ss 5.1	27141120
eCl@ss 6.0	27141120
eCl@ss 7.0	27141120
eCl@ss 8.0	27430304
eCl@ss 9.0	27430304

### ETIM

ETIM 3.0	EC000897
ETIM 4.0	EC001177
ETIM 5.0	EC001177

### UNSPSC

UNSPSC 6.01	30211812
UNSPSC 7.0901	39121410
UNSPSC 11	39121411
UNSPSC 12.01	39121411
UNSPSC 13.2	39121411

## Approvals

### Approvals

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#### Approvals

UL Recognized / VDE Zeichengenehmigung / LR / DNV

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#### Ex Approvals


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## Protective hose - WP-PA HF 21,2 BK - 3240683

### Approvals

#### Approval details

UL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

VDE Zeichengenehmigung  <http://www.vde.de>

LR <http://www.lr.org/en>

DNV <http://exchange.dnv.com/tari/>

### Accessories

#### Accessories

##### Corrugated pipe screw connection

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



Cable gland, Pg thread, IP66 protection, straight

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



Cable gland, metric thread, IP66 protection, straight

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



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

## Protective hose - WP-PA HF 21,2 BK - 3240683

### Accessories

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



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

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



Cable gland, Pg thread, IP66 protection, angled

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



Cable gland, metric thread, IP66 protection, angled

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



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

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



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

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## Protective hose - WP-PA HF 21,2 BK - 3240683

### Accessories

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



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

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



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

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



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

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



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

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### Mounting material

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



Hose holder with cover

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## Protective hose - WP-PA HF 21,2 BK - 3240683

### Accessories

Hose clamp - WP-BASE HF 22 - 3240970



Hose clamps

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Protective hose fixing bracket - WP-BASE A PG16 - 3241079



Fixing bracket for protective sleeves, fixed with two screws

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### Protective cap

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



End sleeves, transition sleeves, from hose to cable

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Cable protection end sleeve - WP-SC PA HF 21,2 BK - 3240984



End sleeves as cable protection

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