

WP-PA HF 54,5 BK - Protective hose



0803381

<https://www.phoenixcontact.com/us/products/0803381>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Protective hose, material: PA 6, UV-resistant: yes, flexible, degree of protection: IP68, color: black, flammability rating in acc. with UL 94: V0, inside diameter: 48 mm, Total length: 25 m

Commercial data

Item number	0803381
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	AF7DSA
GTIN	4055626042374
Weight per piece (including packing)	249.75 g
Weight per piece (excluding packing)	249.75 g
Country of origin	DE

WP-PA HF 54,5 BK - Protective hose



0803381

<https://www.phoenixcontact.com/us/products/0803381>

Technical data

Notes

Notes on operation	Protective hose length is measured stretched out; length tolerance $\pm 5\%$
--------------------	--

Product properties

Product type	Protective hose
Tensile strength GRP	100 N

Dimensions

External dimensions

Outside diameter	54.5 mm
------------------	---------

Internal dimensions

Internal diameter	48 mm
-------------------	-------

Material specifications

Material	PA 6
Flammability rating according to UL 94	V0
Components	free from silicone, halogen, and cadmium

Cable/line

Bending radius, dynamic	190 mm
Bending radius, static	100 mm
Tensile strength	100 N
Halogen-free	yes

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68 IP69K
Ambient temperature (operation)	-40 °C ... 115 °C
Resistance to UV radiation	yes

WP-PA HF 54,5 BK - Protective hose



0803381

<https://www.phoenixcontact.com/us/products/0803381>

Classifications

ECLASS

ECLASS-13.0	27430304
ECLASS-15.0	27430304

ETIM

ETIM 10.0	EC001177
-----------	----------

UNSPSC

UNSPSC 21.0	40141700
-------------	----------

WP-PA HF 54,5 BK - Protective hose



0803381

<https://www.phoenixcontact.com/us/products/0803381>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com