

# CONFIX™ WS cable protection conduits

for cables without connectors



RoHS  
compliant

REACH  
COMPLIANCE

Made in  
Germany

Parallel corrugated conduits for cable routing are used where cables have to be protected from mechanical damage or certain weather conditions.

icotek provides conduits in sizes NW 7.5, 8.5, 10, 13, 17, 23, 29, 37, and 50.

Conduits from size NW 13 can be mounted with CONFiX™ FWS bulkhead fittings.

Parallel corrugated conduits are available in 3 different versions:

- CONFiX™ WS-PA: Polyamide conduit for high mechanical requirements (e.g. engine compartments, car bodies, construction machines, ship building, rail transportation technology, switch cabinets).  
→ Suitable for ground installation
- CONFiX™ WS-PAL (light): Polyamide conduit for high mechanical requirements  
→ Suitable for suspended installation
- CONFiX™ WS-PP: Polypropylene conduit for use in engine compartments, car bodies and for static installation at machinery and plant engineering.  
→ Cost-effective, flame class UL94-V2, temperature resistant, resistant to chemicals

**Note:** PU = Ring length (m)

## Specifications

<b>Material</b>	Material: Polyamide Material: Polypropylene
<b>Flame class</b>	UL94-HB
<b>Operating temperature</b>	-40 C° to 120 C°
<b>Properties</b>	halogen free, UV-beständig nach ISO 8580, Hohe Beständigkeit gegen Säuren/Laugen

## Advantages & benefits

- CONFiX WS-PA: Perfect for ground installation
- CONFiX WS-PA(L): Suitable for high mechanical requirements
- CONFiX WS-PAL: Perfect for suspended installation
- CONFiX WS-PP: High flame class UL94-V2
- CONFiX WS-PP: High resistance against extreme temperatures and chemicals

## Product types & sizes

CONFIX WS-B-PA-NW  
7.5



Part No.	<b>31570</b>
EAN	<b>4251269300530</b>
PU	<b>50</b>
Colour	<b>schwarz</b>
Nominal size	<b>NW 7.5</b>
External diameter	<b>10 mm</b>
Internal diameter	<b>6,7 mm</b>

CONFIX WS-G-PA-NW  
7.5



Part No.	<b>31550</b>
EAN	<b>4251269300448</b>
PU	<b>50</b>
Colour	<b>grau (RAL 7011)</b>
Nominal size	<b>NW 7.5</b>
External diameter	<b>10 mm</b>
Internal diameter	<b>6,7 mm</b>

CONFIX WS-B-PA-NW  
8.5



Part No.	31572
EAN	4251269300547
PU	50
Colour	schwarz
Nominal size	NW 8.5
External diameter	11,4 mm
Internal diameter	8,4 mm

CONFIX WS-G-PA-NW  
8.5



Part No.	31552
EAN	4251269300455
PU	50
Colour	grau (RAL 7011)
Nominal size	NW 8.5
External diameter	11,4 mm
Internal diameter	8,4 mm

CONFIX WS-B-PA-NW  
10



Part No.	31574
EAN	4251269300554
PU	50
Colour	schwarz
Nominal size	NW 10
External diameter	13 mm
Internal diameter	9,9 mm

CONFIX WS-G-PA-NW  
10



Part No.	31554
EAN	4251269300462
PU	50
Colour	grau (RAL 7011)
Nominal size	NW 10
External diameter	13 mm
Internal diameter	9,9 mm

CONFIX WS-B-PA-NW  
13



Part No.	31576
EAN	4251269300561
PU	50
Colour	schwarz
Nominal size	NW 13
External diameter	15,8 mm
Internal diameter	12,7 mm

Compatible with CONFiX FWS **31410**

CONFIX WS-G-PA-NW  
13



Part No.	31556
EAN	4251269300479
PU	50
Colour	grau (RAL 7011)
Nominal size	NW 13
External diameter	15,8 mm
Internal diameter	12,7 mm

Compatible with CONFiX FWS **31411**

CONFIX WS-B-PA-NW  
17



Part No. **31578**  
EAN **4251269300578**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 17**  
External diameter **21,2 mm**  
Internal diameter **16,6 mm**

Compatible with CONFIX FWS **31413**

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CONFIX WS-G-PA-NW  
17



Part No. **31558**  
EAN **4251269300486**  
PU **50**  
Colour **grau (RAL 7011)**  
Nominal size **NW 17**  
External diameter **21,2 mm**  
Internal diameter **16,6 mm**

Compatible with CONFIX FWS **31414**

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CONFIX WS-B-PA-NW  
23



Part No. **31580**  
EAN **4251269300585**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 23**  
External diameter **28,3 mm**  
Internal diameter **23,2 mm**

Compatible with CONFIX FWS **31416**

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CONFIX WS-G-PA-NW  
23



Part No. **31560**  
EAN **4251269300493**  
PU **50**  
Colour **grau (RAL 7011)**  
Nominal size **NW 23**  
External diameter **28,3 mm**  
Internal diameter **23,2 mm**

Compatible with CONFIX FWS **31417**

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CONFIX WS-B-PA-NW  
29



Part No. **31582**  
EAN **4251269300592**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 29**  
External diameter **34,5 mm**  
Internal diameter **29 mm**

Compatible with CONFIX FWS **31419**

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CONFIX WS-G-PA-NW  
29



Part No. **31562**  
EAN **4251269300509**  
PU **50**  
Colour **grau (RAL 7011)**  
Nominal size **NW 29**  
External diameter **34,5 mm**  
Internal diameter **29 mm**

Compatible with CONFIX FWS **31420**

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CONFIX WS-B-PA-NW  
37



Part No. **31584**  
EAN **4251269300608**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 37**  
External diameter **42,4 mm**  
Internal diameter **36 mm**

Compatible with CONFIX FWS **31422**

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CONFIX WS-G-PA-NW  
37



Part No. **31564**  
EAN **4251269300516**  
PU **50**  
Colour **grau (RAL 7011)**  
Nominal size **NW 37**  
External diameter **42,4 mm**  
Internal diameter **36 mm**

Compatible with CONFIX FWS **31423**

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CONFIX WS-B-PA-NW  
50



Part No. **31586**  
EAN **4251269300615**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 50**  
External diameter **54,5 mm**  
Internal diameter **47,7 mm**

Compatible with CONFIX FWS **31425**

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CONFIX WS-G-PA-NW  
50



Part No. **31566**  
EAN **4251269300523**  
PU **50**  
Colour **grau (RAL 7011)**  
Nominal size **NW 50**  
External diameter **54,5 mm**  
Internal diameter **47,7 mm**

Compatible with CONFIX FWS **31426**

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CONFIX WS-B-PAL-NW  
7.5



Part No. **31590**  
EAN **4251269300622**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 7.5**  
External diameter **10 mm**  
Internal diameter **6,7 mm**

CONFIX WS-B-PAL-NW  
8.5



Part No. **31592**  
EAN **4251269300639**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 8.5**  
External diameter **11,4 mm**  
Internal diameter **8,4 mm**

CONFiX WS-B-PAL-NW  
10



Part No. **31594**  
EAN **4251269300646**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 10**  
External diameter **13 mm**  
Internal diameter **9,9 mm**

CONFiX WS-B-PAL-NW  
13



Part No. **31596**  
EAN **4251269300653**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 13**  
External diameter **15,8 mm**  
Internal diameter **12,7 mm**

Compatible with CONFiX FWS **31410**

CONFiX WS-B-PAL-NW  
17



Part No. **31598**  
EAN **4251269300660**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 17**  
External diameter **21,2 mm**  
Internal diameter **16,6 mm**

Compatible with CONFiX FWS **31413**

CONFiX WS-B-PAL-NW  
23



Part No. **31600**  
EAN **4251269300677**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 23**  
External diameter **28,3 mm**  
Internal diameter **23,2 mm**

Compatible with CONFiX FWS **31416**

CONFiX WS-B-PAL-NW  
29



Part No. **31602**  
EAN **4251269300684**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 29**  
External diameter **34,5 mm**  
Internal diameter **29 mm**

Compatible with CONFiX FWS **31419**

CONFiX WS-B-PAL-NW  
37



Part No. **31604**  
EAN **4251269300691**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 37**  
External diameter **42,4 mm**  
Internal diameter **36 mm**

Compatible with CONFiX FWS **31422**

CONFIX WS-B-PAL-NW  
50



Part No. **31606**  
EAN **4251269300707**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 50**  
External diameter **54,4 mm**  
Internal diameter **47,7 mm**

Compatible with CONFIX FWS **31425**

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CONFIX WS-B-PP-NW  
7.5



Part No. **31610**  
EAN **4251269300714**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 7.5**  
External diameter **10 mm**  
Internal diameter **7,1 mm**

CONFIX WS-B-PP-NW  
8.5



Part No. **31612**  
EAN **4251269300721**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 8.5**  
External diameter **11,4 mm**  
Internal diameter **8,4 mm**

CONFIX WS-B-PP-NW  
10



Part No. **31614**  
EAN **4251269300738**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 10**  
External diameter **13 mm**  
Internal diameter **9,9 mm**

CONFIX WS-B-PP-NW  
13



Part No. **31616**  
EAN **4251269300745**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 13**  
External diameter **15,8 mm**  
Internal diameter **12,7 mm**

Compatible with CONFIX FWS **31410**

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CONFIX WS-B-PP-NW  
17



Part No. **31618**  
EAN **4251269300752**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 17**  
External diameter **21,2 mm**  
Internal diameter **16,6 mm**

Compatible with CONFIX FWS **31413**

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**CONFIX WS-B-PP-NW  
23**



Part No. **31620**  
EAN **4251269300769**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 23**  
External diameter **28,3 mm**  
Internal diameter **23,2 mm**

Compatible with CONFiX FWS **31416**

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**CONFIX WS-B-PP-NW  
29**



Part No. **31622**  
EAN **4251269300776**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 29**  
External diameter **34,5 mm**  
Internal diameter **29 mm**

Compatible with CONFiX FWS **31419**

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**CONFIX WS-B-PP-NW  
37**



Part No. **31624**  
EAN **4251269300783**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 37**  
External diameter **42,4 mm**  
Internal diameter **36 mm**

Compatible with CONFiX FWS **31422**

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**CONFIX WS-B-PP-NW  
50**



Part No. **31626**  
EAN **4251269300790**  
PU **50**  
Colour **schwarz**  
Nominal size **NW 50**  
External diameter **54,5 mm**  
Internal diameter **47,7 mm**

Compatible with CONFiX FWS **31425**

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