

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

Material	Polyamide Polypropylene
Flame class	UL94-HB
Operating temperature	-40 C° to 120 C°
Properties	UV-resistant, high resistance against acids/alkalis, halogen free

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.	31570	Internal diameter	6,7 mm
EAN	4251269300		
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 7.5		
External diameter	10 mm		

CONFIX™ WS-G-PA-NW 7.5



Part No. **31550** Internal diameter **6,7 mm**
EAN **4251269300448**
Package quantity **1**
Length **50.000 mm**
Colour **grey (RAL 7011)**
Nominal size **NW 7.5**
External diameter **10 mm**

CONFIX™ WS-B-PA-NW 8.5



Part No. **31572** Internal diameter **8,4 mm**
EAN **4251269300547**
Package quantity **1**
Length **50.000 mm**
Colour **black**
Nominal size **NW 8.5**
External diameter **11,4 mm**

CONFIX™ WS-G-PA-NW 8.5



Part No. **31552** Internal diameter **8,4 mm**
EAN **4251269300455**
Package quantity **1**
Length **50.000 mm**
Colour **grey (RAL 7011)**
Nominal size **NW 8.5**
External diameter **11,4 mm**

CONFiX™ WS-B-PA-NW 10

Part No.	31574	Internal diameter	9,9 mm
EAN	4251269300554	Compatible with CONFiX™ SH	31300
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 10		
External diameter	13 mm		

CONFiX™ WS-G-PA-NW 10

Part No.	31554	Internal diameter	9,9 mm
EAN	4251269300462	Compatible with CONFiX™ SH	31300
Package quantity	1		
Length	50.000 mm		
Colour	grey (RAL 7011)		
Nominal size	NW 10		
External diameter	13 mm		

CONFiX™ WS-B-PA-NW 13

Part No.	31576	Internal diameter	12,7 mm
EAN	4251269300561	Compatible with CONFiX™ FWS	31410
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 13		
External diameter	15,8 mm		

CONFIX™ WS-G-PA-NW 13

Part No.	31556	Internal diameter	12,7 mm
EAN	4251269300479	Compatible with CONFIX™ FWS	31411
Package quantity	1		
Length	50.000 mm		
Colour	grey (RAL 7011)		
Nominal size	NW 13		
External diameter	15,8 mm		

CONFIX™ WS-B-PA-NW 17

Part No.	31578	Internal diameter	16,6 mm
EAN	4251269300578	Compatible with CONFIX™ FWS	31413
Package quantity	1		
Length	50.000 mm	Compatible with CONFIX™ SH	31315 (NW 16)
Colour	black		
Nominal size	NW 17		
External diameter	21,2 mm		

CONFIX™ WS-G-PA-NW 17

Part No.	31558	Internal diameter	16,6 mm
EAN	4251269300486	Compatible with CONFIX™ FWS	31414
Package quantity	1		
Length	50.000 mm	Compatible with CONFIX™ SH	31315 (NW 16)
Colour	grey (RAL 7011)		
Nominal size	NW 17		
External diameter	21,2 mm		

CONFiX™ WS-B-PA-NW 23

Part No.	31580	Internal diameter	23,2 mm
EAN	4251269300585	Compatible with CONFiX™ FWS	31416
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 23		
External diameter	28,3 mm		

CONFiX™ WS-G-PA-NW 23

Part No.	31560	Internal diameter	23,2 mm
EAN	4251269300493	Compatible with CONFiX™ FWS	31417
Package quantity	1		
Length	50.000 mm		
Colour	grey (RAL 7011)		
Nominal size	NW 23		
External diameter	28,3 mm		

CONFiX™ WS-B-PA-NW 29

Part No.	31582	Internal diameter	29 mm
EAN	4251269300592	Compatible with CONFiX™ FWS	31419
Package quantity	1		
Length	25.000 mm	Compatible with CONFiX™ SH	31335
Colour	black		
Nominal size	NW 29		
External diameter	34,5 mm		

CONFIX™ WS-G-PA-NW 29

Part No.	31562	Internal diameter	29 mm
EAN	4251269300509	Compatible with CONFiX™ FWS	31420
Package quantity	1	Compatible with CONFiX™ SH	31335
Length	25.000 mm		
Colour	grey (RAL 7011)		
Nominal size	NW 29		
External diameter	34,5 mm		

CONFIX™ WS-B-PA-NW 37

Part No.	31584	Internal diameter	36 mm
EAN	4251269300608	Compatible with CONFiX™ FWS	31422
Package quantity	1	Compatible with CONFiX™ SH	31340
Length	25.000 mm		
Colour	black		
Nominal size	NW 37		
External diameter	42,4 mm		

CONFIX™ WS-G-PA-NW 37

Part No.	31564	Internal diameter	36 mm
EAN	4251269300516	Compatible with CONFiX™ FWS	31423
Package quantity	1	Compatible with CONFiX™ SH	31340
Length	25.000 mm		
Colour	grey (RAL 7011)		
Nominal size	NW 37		
External diameter	42,4 mm		

CONFIX™ WS-B-PA-NW 50

Part No.	31586	Internal diameter	47,7 mm
EAN	4251269300615	Compatible with CONFiX™ FWS	31425
Package quantity	1	Compatible with CONFiX™ SH	31350 (NW 45)
Length	25.000 mm		
Colour	black		
Nominal size	NW 50		
External diameter	54,5 mm		

CONFIX™ WS-G-PA-NW 50

Part No.	31566	Internal diameter	47,7 mm
EAN	4251269300523	Compatible with CONFiX™ FWS	31426
Package quantity	1	Compatible with CONFiX™ SH	31350 (NW 45)
Length	25.000 mm		
Colour	grey (RAL 7011)		
Nominal size	NW 50		
External diameter	54,5 mm		

CONFIX™ WS-B-PAL-NW 7.5

Part No.	31590	Internal diameter	6,7 mm
EAN	4251269300622		
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 7.5		
External diameter	10 mm		

CONFIX™ WS-B-PAL-NW 8.5

Part No.	31592	Internal diameter	8,4 mm
EAN	4251269300639		
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 8.5		
External diameter	11,4 mm		

CONFIX™ WS-B-PAL-NW 10

Part No.	31594	Internal diameter	9,9 mm
EAN	4251269300646	Compatible with CONFIX™ SH	31300
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 10		
External diameter	13 mm		

CONFIX™ WS-B-PAL-NW 13

Part No.	31596	Internal diameter	12,7 mm
EAN	4251269300653	Compatible with CONFIX™ FWS	31410
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 13		
External diameter	15,8 mm		

CONFiX™ WS-B-PAL-NW 17

Part No.	31598	Internal diameter	16,6 mm
EAN	4251269300660	Compatible with CONFiX™ FWS	31413
Package quantity	1	Compatible with CONFiX™ SH	31315 (NW 16)
Length	50.000 mm		
Colour	black		
Nominal size	NW 17		
External diameter	21,2 mm		

CONFiX™ WS-B-PAL-NW 23

Part No.	31600	Internal diameter	23,2 mm
EAN	4251269300677	Compatible with CONFiX™ FWS	31416
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 23		
External diameter	28,3 mm		

CONFiX™ WS-B-PAL-NW 29

Part No.	31602	Internal diameter	29 mm
EAN	4251269300684	Compatible with CONFiX™ FWS	31419
Package quantity	1	Compatible with CONFiX™ SH	31335
Length	25.000 mm		
Colour	black		
Nominal size	NW 29		
External diameter	34,5 mm		

CONFIX™ WS-B-PAL-NW 37

Part No.	31604	Internal diameter	36 mm
EAN	4251269300691	Compatible with CONFiX™ FWS	31422
Package quantity	1	Compatible with CONFiX™ SH	31340
Length	25.000 mm		
Colour	black		
Nominal size	NW 37		
External diameter	42,4 mm		

CONFIX™ WS-B-PAL-NW 50

Part No.	31606	Internal diameter	47,7 mm
EAN	4251269300707	Compatible with CONFiX™ FWS	31425
Package quantity	1	Compatible with CONFiX™ SH	31350 (NW 45)
Length	25.000 mm		
Colour	black		
Nominal size	NW 50		
External diameter	54,4 mm		

CONFIX™ WS-B-PP-NW 7.5

Part No.	31610	Internal diameter	7,1 mm
EAN	4251269300714		
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 7.5		
External diameter	10 mm		

CONFIX™ WS-B-PP-NW 8.5

Part No.	31612	Internal diameter	8,4 mm
EAN	4251269300721		
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 8.5		
External diameter	11,4 mm		

CONFIX™ WS-B-PP-NW 10

Part No.	31614	Internal diameter	9,9 mm
EAN	4251269300738	Compatible with CONFIX™ SH	31300
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 10		
External diameter	13 mm		

CONFIX™ WS-B-PP-NW 13

Part No.	31616	Internal diameter	12,7 mm
EAN	4251269300745	Compatible with CONFIX™ FWS	31410
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 13		
External diameter	15,8 mm		

CONFiX™ WS-B-PP-NW 17

Part No.	31618	Internal diameter	16,6 mm
EAN	4251269300752	Compatible with CONFiX™ FWS	31413
Package quantity	1	Compatible with CONFiX™ SH	31315 (NW 16)
Length	50.000 mm		
Colour	black		
Nominal size	NW 17		
External diameter	21,2 mm		

CONFiX™ WS-B-PP-NW 23

Part No.	31620	Internal diameter	23,2 mm
EAN	4251269300769	Compatible with CONFiX™ FWS	31416
Package quantity	1		
Length	50.000 mm		
Colour	black		
Nominal size	NW 23		
External diameter	28,3 mm		

CONFiX™ WS-B-PP-NW 29

Part No.	31622	Internal diameter	29 mm
EAN	4251269300776	Compatible with CONFiX™ FWS	31419
Package quantity	1	Compatible with CONFiX™ SH	31335
Length	25.000 mm		
Colour	black		
Nominal size	NW 29		
External diameter	34,5 mm		

CONFIX™ WS-B-PP-NW 37



Part No.	31624	Internal diameter	36 mm
EAN	4251269300783	Compatible with CONFiX™ FWS	31422
Package quantity	1	Compatible with CONFiX™ SH	31340
Length	25.000 mm		
Colour	black		
Nominal size	NW 37		
External diameter	42,4 mm		

CONFIX™ WS-B-PP-NW 50



Part No.	31626	Internal diameter	47,7 mm
EAN	4251269300790	Compatible with CONFiX™ FWS	31425
Package quantity	1	Compatible with CONFiX™ SH	31350 (NW 45)
Length	25.000 mm		
Colour	black		
Nominal size	NW 50		
External diameter	54,5 mm		