

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	6,7 mm
EAN	4251269300530	diameter	
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	6,7 mm
EAN	4251269300448	diameter	
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	8,4 mm
EAN	4251269300547	diameter	
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	8,4 mm
EAN	4251269300455	diameter	
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	9,9 mm
EAN	4251269300554	diameter	
		Compatible	31300
Package quantity	1	with CONFiX™ SH	
Length	50.000 mm		
Colour	black		
Nominal size	NW 10		
External diameter	13 mm		

CONFiX™ WS-G-PA-NW 10



Part No.	31554	Internal	9,9 mm
EAN	4251269300462	diameter	
		Compatible	31300
Package quantity	1	with CONFiX™ SH	
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	12,7 mm
EAN	4251269300561	diameter	
		Compatible	31410
Package quantity	1	with CONFiX™ FWS	
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	12,7 mm
EAN	4251269300479	diameter	
Package	1	Compatible	31411
quantity		with CONFiX™	
Length	50.000 mm	FWS	
Colour	grey (RAL 7011)		
Nominal size	NW 13		
External	15,8 mm		
diameter			

CONFiX™ WS-B-PA-NW 17



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

CONFiX™ WS-G-PA-NW 17



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

CONFiX™ WS-B-PA-NW 23



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

CONFiX™ WS-G-PA-NW 23



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

CONFiX™ WS-B-PA-NW 29



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

CONFiX™ WS-G-PA-NW 29



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

CONFiX™ WS-B-PA-NW 37



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

CONFiX™ WS-G-PA-NW 37



Part No.	31564	Internal	36 mm
EAN	4251269300516	diameter	
Package quantity	1	Compatible with CONFiX™ FWS	31423
Length	25.000 mm	Compatible with CONFiX™ SH	31340
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	8,4 mm
EAN	4251269300639	diameter	
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	9,9 mm
EAN	4251269300646	diameter	
Package quantity	1	Compatible with CONFIX™ SH	31300
Length	50.000 mm		
Colour	black		
Nominal size	NW 10		
External diameter	13 mm		

CONFIX™ WS-B-PAL-NW 13



Part No.	31596	Internal	12,7 mm
EAN	4251269300653	diameter	
Package quantity	1	Compatible with CONFIX™ FWS	31410
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	36 mm
EAN	4251269300691	diameter	
Package quantity	1	Compatible with CONFiX™ FWS	31422
Length	25.000 mm	Compatible with CONFiX™ SH	31340
Colour	black		
Nominal size	NW 37		
External diameter	42,4 mm		

CONFiX™ WS-B-PAL-NW 50



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

CONFiX™ WS-B-PP-NW 7.5



Part No.	31610	Internal	7,1 mm
EAN	4251269300714	diameter	
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	8,4 mm
EAN	4251269300721	diameter	
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	9,9 mm
EAN	4251269300738	diameter	
Package quantity	1	Compatible with CONFIX™ SH	31300
Length	50.000 mm		
Colour	black		
Nominal size	NW 10		
External diameter	13 mm		

CONFIX™ WS-B-PP-NW 13



Part No.	31616	Internal	12,7 mm
EAN	4251269300745	diameter	
Package quantity	1	Compatible with CONFIX™ FWS	31410
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	16,6 mm
EAN	4251269300752	diameter	
Package quantity	1	Compatible with CONFiX™ FWS	31413
Length	50.000 mm	Compatible with CONFiX™ SH	31315 (NW 16)
Colour	black		
Nominal size	NW 17		
External diameter	21,2 mm		

CONFiX™ WS-B-PP-NW 23



Part No.	31620	Internal	23,2 mm
EAN	4251269300769	diameter	
Package quantity	1	Compatible with CONFiX™ FWS	31416
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	29 mm
EAN	4251269300776	diameter	
Package quantity	1	Compatible with CONFiX™ FWS	31419
Length	25.000 mm	Compatible with CONFiX™ SH	31335
Colour	black		
Nominal size	NW 29		
External diameter	34,5 mm		

CONFIX™ WS-B-PP-NW 37



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

CONFIX™ WS-B-PP-NW 50



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