

CONFIX WS

Corrugated Conduits



Compatible with CONFiX FWS-B

Product Description

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, electronic enclosures).
→ 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.
→ Advantages: Cost-effective, flame class UL94-V2, temperature resistant, resistant to chemicals

Type	External Ø	Internal Ø	Compatible with:	Order No.	PU (Length)
CONFIX WS-G-PA-NW 7.5	Ø 10 mm / 0.394 "	Ø 6.7 mm / 0.264 "	-	■ 31550	50 m
CONFIX WS-B-PA-NW 7.5	Ø 10 mm / 0.394 "	Ø 6.7 mm / 0.264 "	-	■ 31570	50 m
CONFIX WS-G-PA-NW 8.5	Ø 11.7 mm / 0.461 "	Ø 8.4 mm / 0.331 "	-	■ 31552	50 m
CONFIX WS-B-PA-NW 8.5	Ø 11.7 mm / 0.461 "	Ø 8.4 mm / 0.331 "	-	■ 31572	50 m
CONFIX WS-G-PA-NW 10	Ø 13 mm / 0.512 "	Ø 9.9 mm / 0.39 "	-	■ 31554	50 m
CONFIX WS-B-PA-NW 10	Ø 13 mm / 0.512 "	Ø 9.9 mm / 0.39 "	-	■ 31574	50 m
CONFIX WS-G-PA-NW 13	Ø 15.8 mm / 0.622 "	Ø 12.7 mm / 0.5 "	CONFIX FWS-B 11	■ 31556	50 m
CONFIX WS-B-PA-NW 13	Ø 15.8 mm / 0.622 "	Ø 12.7 mm / 0.5 "	CONFIX FWS-B 11	■ 31576	50 m
CONFIX WS-G-PA-NW 17	Ø 21.2 mm / 0.835 "	Ø 16.6 mm / 0.654 "	CONFIX FWS-B 16	■ 31558	50 m
CONFIX WS-B-PA-NW 17	Ø 21.2 mm / 0.835 "	Ø 16.6 mm / 0.654 "	CONFIX FWS-B 16	■ 31578	50 m
CONFIX WS-G-PA-NW 23	Ø 28.3 mm / 1.114 "	Ø 23.2 mm / 0.913 "	CONFIX FWS-B 21	■ 31560	50 m
CONFIX WS-B-PA-NW 23	Ø 28.3 mm / 1.114 "	Ø 23.2 mm / 0.913 "	CONFIX FWS-B 21	■ 31580	50 m
CONFIX WS-G-PA-NW 29	Ø 34.5 mm / 1.358 "	Ø 29 mm / 1.142 "	CONFIX FWS-B 29	■ 31562	25 m
CONFIX WS-B-PA-NW 29	Ø 34.5 mm / 1.358 "	Ø 29 mm / 1.142 "	CONFIX FWS-B 29	■ 31582	25 m
CONFIX WS-G-PA-NW 37	Ø 42.4 mm / 1.669 "	Ø 36 mm / 1.417 "	CONFIX FWS-B 36	■ 31564	25 m
CONFIX WS-B-PA-NW 37	Ø 42.4 mm / 1.669 "	Ø 36 mm / 1.417 "	CONFIX FWS-B 36	■ 31584	25 m
CONFIX WS-G-PA-NW 50	Ø 54 mm / 2.126 "	Ø 47.7 mm / 1.878 "	CONFIX FWS-B 48	■ 31566	25 m
CONFIX WS-B-PA-NW 50	Ø 54 mm / 2.126 "	Ø 47.7 mm / 1.878 "	CONFIX FWS-B 48	■ 31586	25 m

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Type	External Ø	Internal Ø	Compatible with:	Order No.	PU (Length)
CONFIX WS-B-PAL-NW 7.5	Ø 10 mm / 0.394 "	Ø 6.7 mm / 0.264 "	-	■ 31590	50 m
CONFIX WS-B-PAL-NW 8.5	Ø 11.5 mm / 0.453 "	Ø 8.5 mm / 0.335 "	-	■ 31592	50 m
CONFIX WS-B-PAL-NW 10	Ø 13.2 mm / 0.52 "	Ø 10.1 mm / 0.398 "	-	■ 31594	50 m
CONFIX WS-B-PAL-NW 13	Ø 16 mm / 0.63 "	Ø 13 mm / 0.512 "	CONFIX FWS-B 11	■ 31596	50 m
CONFIX WS-B-PAL-NW 17	Ø 21.2 mm / 0.835 "	Ø 17.1 mm / 0.673 "	CONFIX FWS-B 16	■ 31598	50 m
CONFIX WS-B-PAL-NW 23	Ø 28.4 mm / 1.118 "	Ø 23.5 mm / 0.925 "	CONFIX FWS-B 21	■ 31600	50 m
CONFIX WS-B-PAL-NW 29	Ø 34.5 mm / 1.358 "	Ø 29.4 mm / 1.157 "	CONFIX FWS-B 29	■ 31602	25 m
CONFIX WS-B-PAL-NW 37	Ø 42.2 mm / 1.661 "	Ø 36.7 mm / 1.445 "	CONFIX FWS-B 36	■ 31604	25 m
CONFIX WS-B-PAL-NW 50	Ø 54 mm / 2.126 "	Ø 48.1 mm / 1.894 "	CONFIX FWS-B 48	■ 31606	25 m
CONFIX WS-B-PP-NW 7.5	Ø 9.9 mm / 0.39 "	Ø 6.9 mm / 0.272 "	-	■ 31610	50 m
CONFIX WS-B-PP-NW 8.5	Ø 11.6 mm / 0.457 "	Ø 8.5 mm / 0.335 "	-	■ 31612	50 m
CONFIX WS-B-PP-NW 10	Ø 12.7 mm / 0.5 "	Ø 10.1 mm / 0.398 "	-	■ 31614	50 m
CONFIX WS-B-PP-NW 13	Ø 15.8 mm / 0.622 "	Ø 12.9 mm / 0.508 "	CONFIX FWS-B 11	■ 31616	50 m
CONFIX WS-B-PP-NW 17	Ø 21 mm / 0.823 "	Ø 16.8 mm / 0.661 "	CONFIX FWS-B 16	■ 31618	50 m
CONFIX WS-B-PP-NW 23	Ø 28 mm / 1.102 "	Ø 23.7 mm / 0.933 "	CONFIX FWS-B 21	■ 31620	50 m
CONFIX WS-B-PP-NW 29	Ø 33.9 mm / 1.335 "	Ø 29.3 mm / 1.154 "	CONFIX FWS-B 29	■ 31622	25 m
CONFIX WS-B-PP-NW 37	Ø 42 mm / 1.654 "	Ø 36.7 mm / 1.445 "	CONFIX FWS-B 36	■ 31624	25 m
CONFIX WS-B-PP-NW 50	Ø 53.6 mm / 2.11 "	Ø 47.8 mm / 1.882 "	CONFIX FWS-B 48	■ 31626	25 m

* For parallel corrugated cable protection conduit with dimension (NW)

Specifications WS-PA

Material Polyamide (PA)
 Color ■ black
 ■ gray
 Flame class UL94-HB
 Operating temperature -40°C to +120°C
 -40°F to +248°F
 Properties Halogen free, UV resistant, according to ISO 8580

Specifications WS-PAL

Material Polyamide (PA)
 Color ■ black
 Flame class UL94-HB
 Operating temperature -40°C to +120°C
 -40°F to +248°F
 Properties Halogen free, UV resistant according to ISO 8580

Specifications WS-PP

Material Polypropylene (PP)
 Color ■ black
 Flame class UL94-V2, self-extinguishing
 Operating temperature -40°C to +135°C
 -40°F to +275°F
 Properties Halogen free, high resistance against acids / alkalis

Compatible with

CONFIX FWS Bulkhead fitting 156 - 157