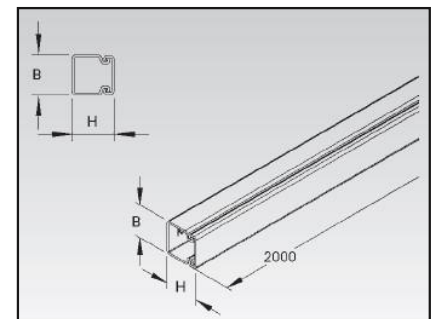


Technical Data Sheet

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PLF Leitungsführungskanal

- Material: PVC hard, lead and cadmium free, stabilized
- Bonding: Bonding by means of commercially available PVC-hard adhesives (e.B. Tangit) possible. Bonding with stone, wood or metal with commercially available contact adhesives. Be sure to observe adhesive manufacturer specifications!
- Bottom perforation: Single row up to 40 mm, double row from 60 mm •
With ratchet rail for fastening dividers from 60x40 mm
- Electrical properties:
 - Dielectric strength according to VDE 0303-2: > 20 kV/mm
 - Surface resistance according to VDE 0303-30: > 1E12 Ω - Specific contact resistance according to VDE 0303-30: > 1E15 Ω
- Mechanical properties:
 - Zugfestigkeit nach DIN EN ISO 527: > 45 N/mm²
 - Bending strength according to DIN EN ISO 178: > 70 N/mm²
 - Notched impact strength according to DIN EN ISO 179: > 15 kJ/m²
 - Tensile modulus of elasticity according to DIN EN ISO 527: 3,300 N/mm²
- Application temperature range: -20°C to +65°C
- Fire conditions according to DIN 4102-1 / flame retardant
- Protection class: IP20 only with the lid closed and correctly fitting
- Chemical resistance: Good resistance to chemical influences
- Standard delivery length: 2,000 mm $\pm$ 5 mm, incl. lid



Information

Art.-No.	ID-No.	Type	VPE/m	Nennmaß (Rankings)	Dimensions (WxH)	Colour
05100311	050441	PLF 1515 RW	2 / 98	15x15 mm	15x15 mm	pure white, RAL: 9010
05100314	050444	PLF 2020 RW	2 / 72	20x20 mm	17,5x18 mm	pure white, RAL: 9010
05100317	050447	PLF 2030 RW	2 / 48	30x20 mm	30x18 mm	pure white, RAL: 9010
05100320	050450	PLF 2540 RW	2 / 30	40x25 mm	40x24 mm	pure white, RAL: 9010
05100323	050453	PLF 3030 RW	2 / 50	30x30 mm	30x32 mm	pure white, RAL: 9010
05100326	050456	PLF 4040 RW	2 / 40	40x40 mm	40x38 mm	pure white, RAL: 9010
05100329	050549	PLF 4060 RW	2 / 24	60x40 mm	62x40 mm	pure white, RAL: 9010
05100332	050462	PLF 4090 RW	2 / 36	90x40 mm	88x40 mm	pure white, RAL: 9010

05100335	050465	PLF 6060 RW	2 / 32	60x60 mm	62x60 mm	pure white, RAL: 9010
05100338	050468	PLF 6090 RW	2 / 24	90x60 mm	88x60 mm	pure white, RAL: 9010
05100312	050442	PLF 1515 CW	2 / 98	15x15 mm	15x15 mm	cream white, RAL: 9001
05100315	050445	PLF 2020 CW	2 / 72	20x20 mm	17,5x18 mm	cream white, RAL: 9001

Technical Data Sheet

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PLF Leitungsführungskanal

Art.-No.	ID-No.	Type	VPE/m	Nennmaß (Rankings)	Dimensions (WxH)	Colour
05100318	050448	PLF 2030 CW	2 / 48	30x20 mm	30x18 mm	cream white, RAL: 9001
05100321	050451	PLF 2540 CW	2 / 30	40x25 mm	40x24 mm	cream white, RAL: 9001
05100324	050454	PLF 3030 CW	2 / 50	30x30 mm	30x32 mm	cream white, RAL: 9001
05100327	050457	PLF 4040 CW	2 / 40	40x40 mm	40x38 mm	cream white, RAL: 9001
05100330	050460	PLF 4060 CW	2 / 24	60x40 mm	62x40 mm	cream white, RAL: 9001
05100333	050463	PLF 4090 CW	2 / 36	90x40 mm	88x40 mm	cream white, RAL: 9001
05100336	050466	PLF 6060 CW	2 / 32	60x60 mm	62x60 mm	cream white, RAL: 9001
05100339	050469	PLF 6090 CW	2 / 24	90x60 mm	88x60 mm	cream white, RAL: 9001
05100310	050440	PLF 1515 LG	2 / 98	15x15 mm	15x15 mm	light grey, RAL: 7035
05100313	050443	PLF 2020 LG	2 / 72	20x20 mm	17,5x18 mm	light grey, RAL: 7035
05100316	050446	PLF 2030 LG	2 / 48	30x20 mm	30x18 mm	light grey, RAL: 7035
05100319	050449	PLF 2540 LG	2 / 30	40x25 mm	40x24 mm	light grey, RAL: 7035
05100322	050452	PLF 3030 LG	2 / 50	30x30 mm	30x32 mm	light grey, RAL: 7035
05100325	050455	PLF 4040 LG	2 / 40	40x40 mm	40x38 mm	light grey, RAL: 7035
05100328	050458	PLF 4060 LG	2 / 24	60x40 mm	62x40 mm	light grey, RAL: 7035
05100331	050461	PLF 4090 LG	2 / 36	90x40 mm	88x40 mm	light grey, RAL: 7035
05100334	050464	PLF 6060 LG	2 / 32	60x60 mm	62x60 mm	light grey, RAL: 7035

05100337	050467	PLF 6090 LG 2 / 24	90x60 mm	88x60 mm	light grey, RAL: 7035
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Profi-Tipp

See also:

- PDK replacement lid for PLF (Art.No. 05101685 - 05101690)
- PLFES end pieces for PLF (Art.- No. 05100560 - 05100586)
- PLFFW flat angle for PLF (Art. - No. 05100533 - 05100559)
- PLFAE outer corners for PLF (Art.No. 05100506 - 05100532)
- PLFIE inner corners for PLF (Art.No. 05100479 - 05100505)
- PFBTW partition walls for PLF, PFB and PBR (Art.No. 05100983 + 05100400)



PDK



PLFES



PLFFW



PLFAE



PLFIE



PFBTW