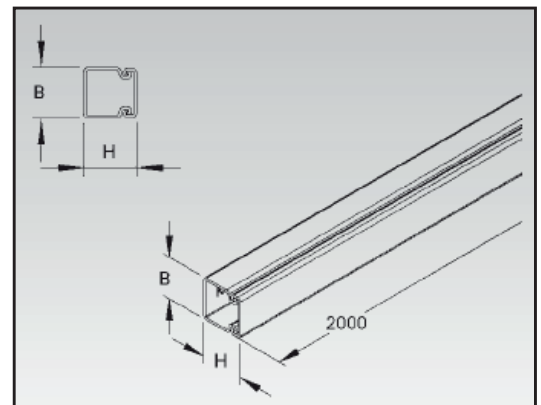


Technical data sheet

Page: 1/2

PLF Cable duct

- Material: Hard PVC, lead and cadmium-free, stabilised
- Bonding: Bonding with commercially available rigid PVC adhesives (e.g. Tangit) possible. Bonding to stone, wood or metal with standard commercially available contact adhesives. Always observe the adhesive manufacturer's instructions!
- Floor perforation: Up to 40 mm single row, from 60 mm double row
- With snap-on 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 volume resistance according to VDE 0303-30: > 1E15 Ω
- Mechanical properties:
 - Tensile strength according to DIN EN ISO 527: > 45 N/mm²
 - Flexural 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 protection properties according to DIN 4102-1 / flame retardant
- Protection class: IP20 only with closed and correctly fitted cover
- Chemical resistance: Good resistance to chemical influences
- Standard delivery length: 2,000 mm $\pm$ 5 mm, incl. cover



Informations

Item no.	ID no.	Type	PU/m	Nominal size (BxH)	Dimension (BxH)	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

Page: 2/2

PLF Cable duct

Item no.	ID no.	Type	PU/m	Nominal size (BxH)	Dimension (BxH)	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 gray, RAL: 7035
05100313	050443	PLF 2020 LG	2 / 72	20x20 mm	17,5x18 mm	light gray, RAL: 7035
05100316	050446	PLF 2030 LG	2 / 48	30x20 mm	30x18 mm	light gray, RAL: 7035
05100319	050449	PLF 2540 LG	2 / 30	40x25 mm	40x24 mm	light gray, RAL: 7035
05100322	050452	PLF 3030 LG	2 / 50	30x30 mm	30x32 mm	light gray, RAL: 7035
05100325	050455	PLF 4040 LG	2 / 40	40x40 mm	40x38 mm	light gray, RAL: 7035
05100328	050458	PLF 4060 LG	2 / 24	60x40 mm	62x40 mm	light gray, RAL: 7035
05100331	050461	PLF 4090 LG	2 / 36	90x40 mm	88x40 mm	light gray, RAL: 7035
05100334	050464	PLF 6060 LG	2 / 32	60x60 mm	62x60 mm	light gray, RAL: 7035
05100337	050467	PLF 6090 LG	2 / 24	90x60 mm	88x60 mm	light gray, RAL: 7035

Profi-Tipp

See also:

- PDK Replacement cover for PLF (Item no. 05101685 - 05101690)
- PLFES End caps for PLF (Item no. 05100560 - 05100586)
- PLFFW Flat brackets for PLF (Item no. 05100533 - 05100559)
- PLFAE Outside corners for PLF (Item no. 05100506 - 05100532)
- PLFIE Inside corners for PLF (Item no. 05100479 - 05100505)
- PFBTW Partition walls for PLF, PFB und PBR (Item no. 05100983 + 05100400)



PDK



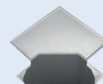
PLFES



PLFFW



PLFAE



PLFIE



PFBTW