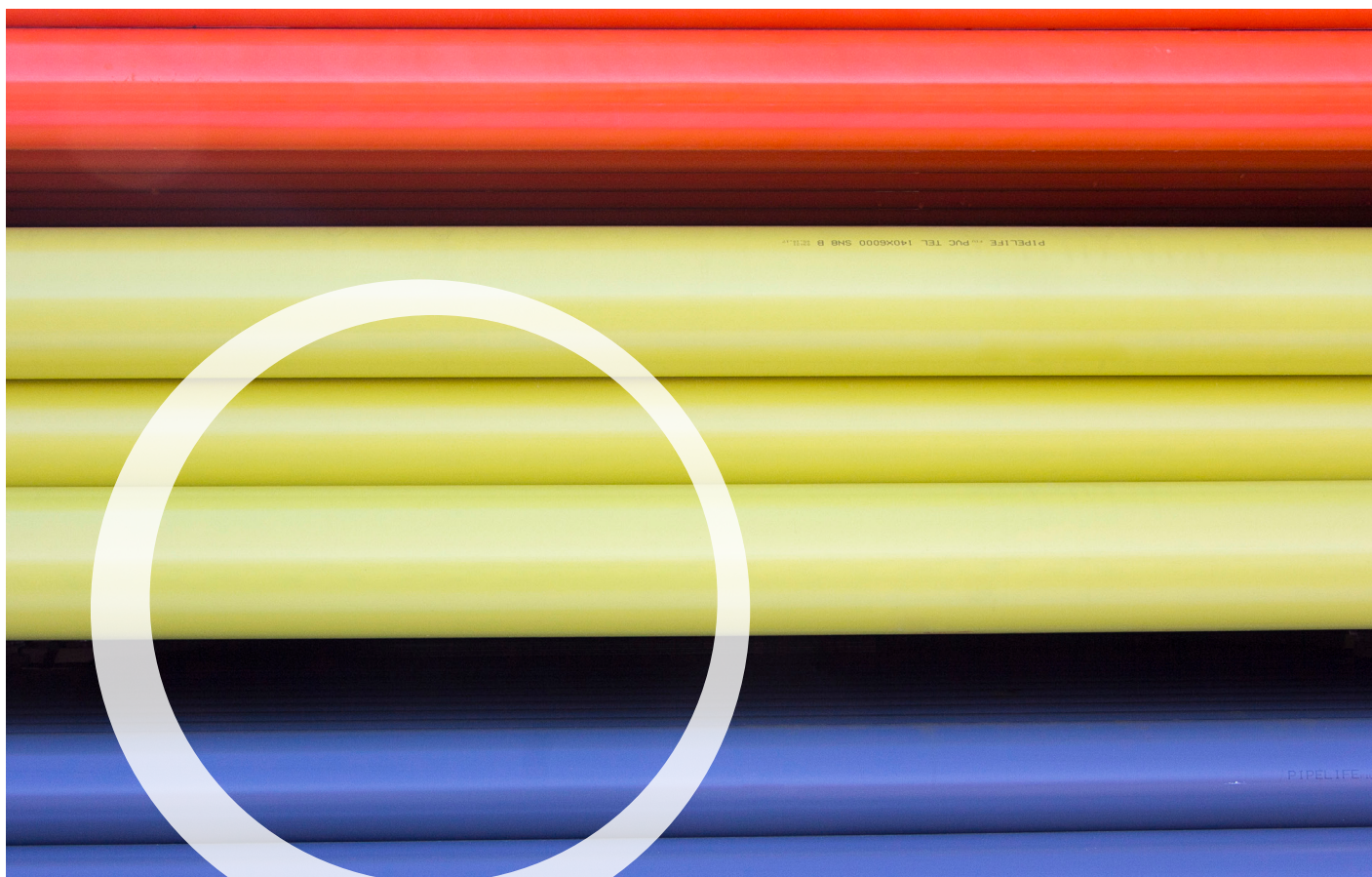




Electro solutions: Installation conduits and Cable ducts



Pipelife electrical conduits and cable ducts

Pipelife Finland's electrical conduit and cable duct products include the right choice for protecting electrical installations inside building structures and protecting underground electric/data cables. Our product portfolio also includes pre-wired conduits, cable troughs, jointing chambers, cable ploughing ducts, channel systems and pipe elements for temporary protection.



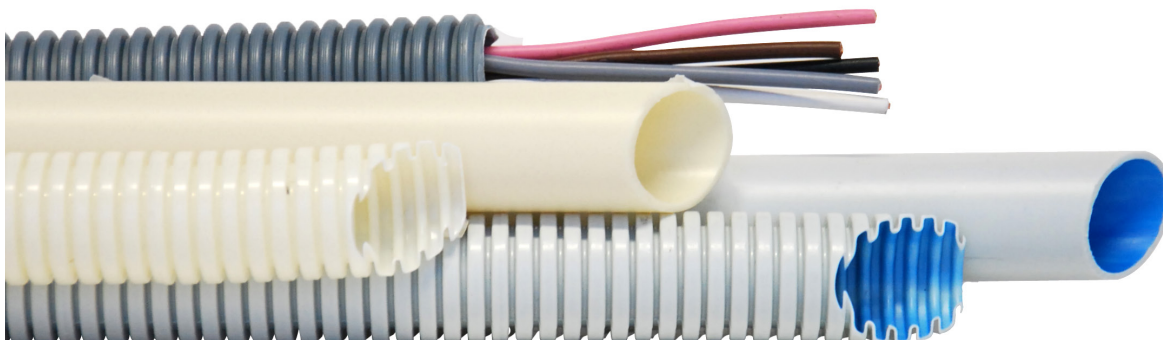
Installation conduits

With Pipelife installation conduits, installation is fast and efficient. We manufacture installation conduits with the following diameters: Ø 16, Ø 20, Ø 25, Ø 32, Ø 40 and Ø 50 mm. The products comply with the requirements of SFS-EN 61386-1 and the FI and S certification requirements, and they are CE marked. All of our installation conduits with the classification of 750 N/5 cm can be used in concrete pouring.

Cable ducts

Pipelife Finland's extensive cable duct selection includes the right choice for protecting electric, telecommunications and data cables. We provide cable ducts made from PVC and PE in strength classes SN8/B, SN16/A, SN30 and SN64. Due to their structure and properties, the Pipelife cable ducts can be used all year round when building demanding networks under Nordic conditions.

Installation conduits



Elli JM and Elli JM Toppspeed

Elli JM installation conduits are made from durable PVC. The JM conduits can be used in applications requiring mechanical strength, such as concrete pouring. The structure of Elli JM Toppspeed improves installation comfort. The inside of the pipe is silicone, which reduces tractive resistance during wiring and makes using a bending spring easier. The pipe length is 2.5 m.

Elli TAM and Elli TAM Toppspeed

The flexible Elli TAM installation conduits are made from durable PVC. Due to their excellent properties, Elli TAM and Elli TAM Toppspeed are excellent for construction and renovation sites. The inside of Elli TAM Toppspeed is silicone, which reduces tractive resistance. Lower tractive resistance provides major benefits when using a bending spring and during wiring.

Elli conduits

SFS-EN 61386-1, EN 61386-21 and EN 61386-22 A11

- PVC
- CE marking

Sähkönumerot ID	Pipelife ID	Type/specifications	Package m
Elli JM			
11 010 16	70000 762	JM 16/13.00 Toppspeed	100/3000
11 010 21	70000 767	JM 20/16.90 Toppspeed	100/2000
11 010 25	70000 770	JM 25/21.40 Toppspeed	50/1250
11 010 32	70000 772	JM 32/27.80	25/875
11 010 40	70000 773	JM 40/35.40	25/600
11 010 50	70000 774	JM 50/44.30	17.5/350
Elli TAM			
11 000 16	70000 745	TAM 16/10.45	100/2000
11 000 19	70000 750	TAM 20/13.90	50/1200
11 000 20	70000 747	TAM 20/13.90	100/1200
11 000 21	70000 753	TAM 20/13.90 Toppspeed	100/1200
11 000 25	70000 749	TAM 25/18.15	50/1000
11 000 26	70000 754	TAM 25/18.15 Toppspeed	50/1000
11 000 32	70000 751	TAM 32/24.50	25/375

Elli +
Toppspeed



Halogen-free (HF) installation conduits

The halogen-free Pipelife Halovolt® installation conduits can be used at all construction sites. They have been designed particularly for applications where improved fire safety is a requirement. If halogen-free conduits catch fire, they will not produce any harmful combustion gases. HF conduits are used in hospitals, nursing homes, shipbuilding and other sites where large numbers of people are expected to reside.

The conduits can be used in concrete casting and other flush/surface mounting applications indoors. Pipelife Finland's halogen-free installation conduits are manufactured and tested according to the following standards: general requirements for installation conduits (SFS-EN 61386-22 A11), halogen-free test (DIN VDE 0604-2-100:2012), low smoke generation test (IEC 61034-2:2005) and chemical-free test (IEC 62321-3-1:2013).

Halogen-free installation conduits

SFS-EN 61386-1, SFS-EN 61386-21, SFS-EN 61386-22 A11

Sähkönumerot ID	Pipelife ID	Type/specifications	Package
HF JM	Halovolt luranyi		m
11 050 16	70000 732	HF JM 16/13.00 Halovolt	72/4320
11 050 20	70000 733	HF JM 20/17.00 Halovolt	72/2880
11 050 25	70000 734	HF JM 25/21.60 Halovolt	57/2280
11 050 32	70000 735	HF JM 32/28.20 Halovolt	30/1350
11 050 40	70000 736	HF JM 40/35.80 Halovolt	30/630
11 050 50	70000 737	HF JM 50/45.40 Halovolt	21/504
HF TAM	Halovolt PP		
11 053 16	70000 755	*HF TAM 16/10.45 Halovolt	100/2000
11 053 20	70000 756	*HF TAM 20/13.90 Halovolt	100/1800
11 053 25	70000 757	*HF TAM 25/17.60 Halovolt	50/1600
11 053 32	70000 759	HF TAM 32/25.10 Halovolt	25/600
11 053 40	70000 760	HF TAM 40/32.00 Halovolt	25/300
11 053 50	70000 761	HF TAM 50/40.20 Halovolt	25/250
HF JM	Halovolt PP		m
11 000 00	70004 431	■HF JM 16/11.5 Halovolt	72/4320
11 000 01	70000 765	■HF JM 20/15.4 Halovolt	72/2880
11 000 02	70004 432	■HF JM 25/19.8 Halovolt	57/2280
11 000 03	70004 433	■HF JM 32/26.6 Halovolt	30/1350
11 000 04	70004 434	■HF JM 40/34.1 Halovolt	30/630
11 000 05	70004 435	■HF JM 50/43.3 Halovolt	21/504
HF bends and extensions			pcs
11 050 62	70000 242	JM 16 bend	10
11 050 63	70000 243	JM 20 bend	10
11 050 64	70000 244	JM 25 bend	10
11 050 65	70000 245	JM 32 bend	10
11 050 66	70000 246	JM 40 bend	5
11 050 67	70000 247	JM 50 bend	5
11 050 70	70000 236	HF 16 extension, TAM conduit	100
11 050 71	70000 237	HF 20 extension, TAM conduit	100
11 050 72	70000 238	HF 25 extension, TAM conduit	50
11 050 73	70000 239	HF 32 extension, TAM conduit	25
11 050 74	70000 240	HF 40 extension, TAM conduit	25
11 050 75	70000 241	HF 50 extension, TAM conduit	15

* Nordic Poly Mark complies with the halogen-free requirement of less than 0.1%.

■A bendable installation conduit; requires a bending spring with a suitable inner diameter



During halogen-free installation, don't forget halogen-free extensions, cables and casings.

Nordic Poly Mark
Quality marked
HF Pipes fill are
totally halogen
free (0.01%
Combustion pipe)



Halogen-free electric conduits for public buildings. In case of a fire, the conduits will not release any harmful combustion gases.

The image shows a modern hospital corridor. Two female nurses are engaged in a conversation; one is wearing a white uniform and the other blue scrubs. In the foreground, a stack of white, flexible electric conduits is visible, with some text printed on them: 'PP HF JTEO PIRAL F10 3342 F1 S CE'. A green 'Fire exit' sign is mounted on the wall in the background.

Preflex electric conduits

Preflex is a flexible, pre-wired or pre-cabled electric conduit. The Preflex product range includes the most common ML and MMJ cables, COAX and CAT antenna cables, and COAX + CAT combination cables. Our product selection also includes low voltage KLMA cables.

The products can be used for electrical installation inside base floors, roof structures, concrete structures and wall structures in new or renovated buildings. The installation conduits are manufactured from flexible and durable polypropylene. When using pre-wired conduits, the entire wiring step will be eliminated, which provides savings in installation time. We also manufacture HF options of the conduits.

Ask also Preflex Spider concept: Prefabricated conduits, with measured to exact installation lengths or pre-installed connection boxes.

Preflex electric conduits

SFS EN 61386-1, SFS EN 61386-22 A11



Sähkönumerot ID	Pipelife ID	Type/specifications	Package m
ML conduits			
04 287 00	70002 061	16/ML 3 x 1.5 S ECA	100/2800
04 287 02	70002 739	16/ML 3 x 2.5 S ECA	100/2800
04 287 06	70002 740	16/ML 5 x 1.5 S ECA	100/2800
04 287 01	70003 312	20/ML 3 x 1.5 S ECA	100/2400
04 287 07	70003 316	20/ML 5 x 1.55 S ECA	100/2400
04 287 03	70003 314	20/ML 3 x 2.55 S ECA	100/2400
04 287 09	70003 354	20/ML 5 x 2.5 S ECA	50/1200
04 287 12	70003 744	20/ML 7 x 1.5 S ECA	100/2400
ML-HF conduits			
04 111 01		*■16/ML-HF Dca 3 x 1.5 S	
04 111 02		*■16/ML-HF Dca 3 x 2.5 S	
04 111 05		*■20/ML-HF Dca 3 x 1.5 S	
04 111 31		*■20/ML-HF Dca 3 x 2.5 S	
04 111 08		*■20/ML-HF Dca 4 x 1.5 S	
04 111 29		*■20/ML-HF Dca 5 x 1.5 S	
04 111 33		*■20/ML-HF Dca 5 x 2.5 S	
MMJ cables			
04 111 20	70000 810	20/MMJ 3 x 1.5S	50/1200
04 111 60	70000 812	20/MMJ 3 x 2.5S	50/1200
04 111 55	70000 811	20/MMJ 5 x 1.5S	50/1200
04 111 65	70000 813	20/MMJ 5 x 2.5S	50/1200
MMJ-HF cables			
04 111 35		*■20/MMJ HF 3 x 1.5 S ECA	
04 111 41		*■20/MMJ HF 3 x 2.5 S ECA	
04 111 37		*■20/MMJ HF 5 x 1.5 S ECA	
04 111 42		*■20/MMJ HF 5 x 2.5 S ECA	
COAX, CAT and KLMA cables			
02 226 00	70001 335	16/Coax CCS	100/2800
02 226 34	70001 548	16/Coax CU	100/2800
02 226 03	70004 101	20/2 x CAT6 UTP	100/2400
02 226 04	70002 766	20/2 x CAT 6 UTP Coax CCS	100/2400
02 226 33	70002 767	20/2 x CAT 6 UTP Coax CU	100/2400
04 116 15	70000 804	●● 20/COAX	100/2000
04 116 16	70000 805	*●● 20/2 x CAT 6 UTP	100/2000
04 116 17	70000 806	●● 20/2 x CAT 6 UTP + COAX	100/1600
04 116 14	70000 803	*●● 20/KLMA 4 x 0.8 + 0.8 ECA	100/2000

* A halogen-free product

■ The conduit is Nordic Poly Marked

● An LSZH product

We manufacture special products on order with a longer lead time.

Cable ducts



PVC cable ducts

SFS 5608

PVC underpass duct designed to protect cables: A-Heavy duty and B-Medium heavy traffic area application under roads or railroads.

- PVC underpass ducts are structurally durable, rigid in the longitudinal direction, highly resistant to tensile stress during cabling and highly resistant to frictional heat.
- Ø 50–160 mm OPTO sleeve with sealing groove and seal.
- Ø 140 mm TEL sleeve. Sealed with an O ring, 120 x 3.5 mm, as necessary; not included in the delivery.

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Package m
52 614 13	70003 318	OPTO 50 x 3000 SN8/B	Red	324
52 615 15	70000 673	OPTO 50 x 6000 SN8/B	Yellow	648
52 615 50	70000 679	OPTO 50 x 6000 SN8/B	Red	648
52 614 29	70000 681	OPTO 50 x 6000 SN8/B	Grey	648
52 614 28	70000 680	OPTO 50 x 6000 SN8/B	Grey	648
52 615 17	70000 674	OPTO 75 x 6000 SN8/B	Yellow	438
52 615 57	70003 334	OPTO 75 x 6000 SN8/B	Red	438
52 614 26	70000 675	OPTO 75 x 6000 SN8/B	Grey	438
52 615 20	70003 326	OPTO 100 x 6000 SN8/B	Yellow	264
52 615 60	70000 682	OPTO 100 x 6000 SN8/B	Red	264
52 615 10	70001 163	OPTO 100 x 6000 SN8/B	Grey	264
52 615 21	70003 327	OPTO 100 x 6000 SN16/A	Yellow	264
52 615 61	70001 184	OPTO 100 x 6000 SN16/A	Red	264
52 615 11	70001 164	OPTO 100 x 6000 SN16/A	Grey	264
52 615 23	70001 169	OPTO 110 x 6000 SN8/B	Yellow	240
52 614 24	70001 165	OPTO 110 x 6000 SN8/B	Grey	240
52 615 24	70001 170	OPTO 110 x 6000 SN16/A	Yellow	240
52 614 25	70001 166	OPTO 110 x 6000 SN16/A	Grey	240
52 614 27	70001 167	OPTO 110 x 6000 SN16/A	Grey	240
52 615 29	70000 677	• TEL 140 x 6000 SN8/B	Yellow	138
52 615 30	70001 171	• TEL 140 x 6000 SN16/A	Yellow	138
52 614 15	70003 329	OPTO 160 x 6000 SN8/B	Yellow	120



PVC can be fully recycled. For more information, please see the end of this brochure.

PVC underpass ducts

SFS 5608

Underpass ducts are designed to protect cables which go under trafficked roads or railroads.

- Ducts with ring stiffness of SN30 for underpass installations
- Sleeves of the underpass ducts have been designed for duct jacking

Sähkönumerot ID	Pipelife ID	Specifications	Colour	Package m
52 614 01	70000 671	100 x 4.8 x 6000 SN30	Orange	264
52 614 02	70000 672	110 x 5.3 x 6000 SN30	Orange	240
52 614 45	70000 676	110 x 5.3 x 6000 SN30	Yellow	240
52 614 39	70003 325	140 x 6.7 x 6000 SN30	Orange	138



PVC cable troughs

SFS 5608

PVC cable troughs are designed for protecting electricity, telecommunications and data cables in trafficked areas.

- PVC cable troughs are an easy, fast and efficient method for building a network in a trafficked area.
- The cable troughs are manufactured as dimensionally accurate profiles from rigid PVC which can withstand the stress caused by the earth pressure. The troughs can be easily installed, as they overlap.
- Cable trough, strength class SN16/A, length 1,040 mm
- Cable trough, strength class SN8/B, length 1,000 mm

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Package m
52 614 20	70003 331	XYX - 20120 120 x 1,040 A	Yellow	552
52 614 40	70003 332	XYX - 20140 140 x 1,040 A	Yellow	483
52 614 21	70003 335	XYX - 20120 120 x 1,040 A	Red	552
52 614 41	70003 336	XYX - 20140 140 x 1,040 A	Red	483
52 614 36	70003 333	XYX - 20120 120 x 1,000 B	Yellow	552
52 614 43	70003 337	XYX - 20120 120 x 1,000 B	Red	552



PVC bends

SFS 56089, SFS 5733

Rigid PVC bends designed for changing the direction of a cable duct line.

- Hard-surfaced; very resistant to the stress caused by cable pulling
- Strength class SN8/B
- Same sleeves as in the ducts, Ø 50–100 mm OPTO sleeve, Ø 140 mm TEL sleeve

Sähkönumerot ID	Pipelife ID	Type/specifications	r*	Colour	Package pcs/pallet
52 616 52	70001 159	OPTO bend 50 x 45°	700	Red	150
53 616 52	70001 160	OPTO bend 50 x 90°	1000	Red	150
54 616 52	70001 162	OPTO bend 100 x 90°	750	Red	40
50 616 52	70001 151	OPTO bend 50 x 45°	1,000	Red	150
51 616 52	70001 152	OPTO bend 50 x 90°	1,000	Red	100
57 616 52	70001 153	OPTO bend 75 x 45°	1,000	Red	40
58 616 52	70001 154	OPTO bend 75 x 90°	1,000	Red	40
62 616 52	70004 411	OPTO bend 75 x 45°	1,000	Yellow	40
63 616 52	70004 412	OPTO bend 75 x 90°	1,000	Yellow	40
60 616 52	70001 155	OPTO bend 100 x 45°	900	Red	40
61 616 52	70001 156	OPTO bend 100 x 90°	900	Red	40
13 616 52	70001 147	OPTO bend 110 x 45°	1,000	Yellow	40
14 616 52	70001 148	OPTO bend 110 x 90°	1,000	Yellow	40
20 616 52	70002 095	OPTO bend 140 x 45°	1,200	Yellow	24
21 616 52	70002 096	OPTO bend 140 x 90°	1,000	Yellow	24

* Bending radius



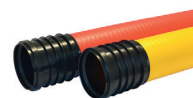
Viper3 triple ducts

SFS 5608

Viper3 cable ducts are designed for building electricity and telecommunications networks.

- Three-layered structural cable ducts
- Manufactured from PE, smooth on the outside and inside
- Fixed sleeve and seal
- Rigid in the longitudinal direction, lightweight: easy to install

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Package m
52 615 02	70000 779	Viper3 PE 110 SN8/B	Yellow	300
52 615 04	70000 776	Viper3 PE 110 SN8/B	Red	300
52 615 16	70000 781	Viper3 PE 110 SN8/B	Grey	300
52 615 03	70000 780	Viper3 PE 110 SN16/A	Yellow	300
52 615 06	70000 775	Viper3 PE 110 SN16/A	Red	300
52 615 18	70000 777	Viper3 PE 110 SN16/A	Grey	300
52 615 07	70000 783	Viper3 PE 160 SN8/B	Yellow	120
52 615 08	70000 778	Viper3 PE 160 SN16/A	Yellow	120
52 615 80	70000 043	Grommet 110/138	Black	
52 615 82	70000 044	Grommet 160/186	Black	



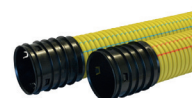
Tupla ducts

SFS 5608

Tupla cable ducts are designed for building electricity and telecommunications networks.

- Double-layered structural cable ducts
- Manufactured from PE, corrugated on the outside, smooth on the inside
- Lightweight; easy to handle during installation
- Fixed clawed sleeve and seal at the non-threadable end

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Package m
52 614 49		TUPLA 75 x 6,000 450 N	Yellow	432
52 614 50		TUPLA 75 x 6,000 750 N	Yellow	432
52 615 70	70001 340	TUPLA 110 x 6,000 SN8/B	Yellow	300
52 615 74	70001 342	TUPLA 110 x 6,000 SN8/B	Red	300
52 615 64	70003 368	TUPLA 110 x 6,000 SN8/B	Grey	300
52 615 72	70001 333	TUPLA 110 x 6,000 SN16/A	Yellow	300
52 615 75	70001 332	TUPLA 110 x 6,000 SN16/A	Red	300
52 614 32	70001 334	TUPLA 110 x 6,000 SN16/A	Grey	300
52 615 65	70001 336	TUPLA 110 x 6,000 SN16/A	Grey	300
52 615 71	70001 343	TUPLA 160 x 6,000 SN8/B	Yellow	120
52 615 73	70001 337	TUPLA 160 x 6,000 SN16/A	Yellow	120
52 615 76	70001 338	TUPLA 160 x 6,000 SN16/A	Red	120
	70000 249	TUPLA 110 seal	Black	
	70000 251	TUPLA 160 seal	Black	



Bends

PE bends are designed for changing the direction of a cable duct line.

- Strength class SN8/B
- Manufactured from PE
- Colour black, bending radius 0–90°

Sähkönumerot ID	Pipelife ID	Type/specifications	Length	r*	Package pcs
52 614 37	70000 522	Bend PE 50 x 0-90°	1,000	630	120
68 616 52	70000 523	Bend PE 75 x 0-90°	1,000	800	120
74 616 52	70000 524	Bend PE 110 x 0-90° Viper3/Tupla	1,700	800	50
76 616 52	70000 525	Bend PE 160 x 0-90° Viper3/Tupla	1,700	800	20

* Bending radius



Flexible PE ducts

SFS-EN-61386-24

Flexible PE ducts are designed for protecting cables outside buildings.

- Flexible PE cable ducts for building networks
- Double-layer structure, corrugated on the outside and smooth on the inside
- Delivered as 50 m coils
- A draw thread inside the duct to facilitate cable installation

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Draw thread	Package m
52 615 36	70000 922	PE 50/42 450 N	Yellow	Yes	50/700
52 615 25		PE 50/42 450 N	Red	Yes	50/700
52 614 52	70004 414	PE 75/61 450 N	Yellow	Yes	50/1000
52 615 01	70003 299	PE 110/98 450 N	Yellow	Yes	50/200



OPTO ploughing ducts

OPTO PE cable ducts are designed for building optical fibre networks.

- PE cable ducts for fast and efficient building of telecommunications networks
- Ring stiffness SN64
- Delivered on wooden coils

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Package
52 620 45	70000 596	OPTO ploughing 50/41 SN64	Black	1,200 m/K24
52 620 22	70000 595	OPTO ploughing 40/32.6 SN64	Black	2,000 m/K24
52 620 18	70000 597	OPTO ploughing 32/26 SN64	Black	2,500 m/K24
52 620 00	70004 299	OPTO coupler connector 32/32 bayonet	Grey	70 pcs
52 620 78	70001 874	OPTO coupler connector 40/40 bayonet	Grey	60 pcs
52 620 01	70004 300	OPTO coupler connector 50/50 bayonet	Grey	30 pcs



A deposit based on your offer will be charged for each wooden coil. You must return the wooden coils at your own cost to the factory. For instructions on how to return the coils, please visit www.pipelife.fi.

Cable cover tape

SFS-EN 50520

Cable cover tape is used to mark and protect underground cables and ducts.

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour
64 640 00	70000 075	125 x 1.5 mm 50 m	Yellow
64 640 01	70000 076	300 x 1.5 mm 50 m	Yellow



Accessories

- Accessories for fixing, extending and protecting pipes and ducts

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Package pcs
50 130 01	70001 808	Tower arm yoke SRN 110/100		30
52 615 09	70003 366	PE extension sleeve 110 Tupla	Black	30
52 615 12	70003 367	PE extension sleeve 160 Tupla	Black	18
52 615 13	70000 521	PE extension sleeve 110 Viper3/OPTO	Black	25
52 615 14	70001 019	PE extension sleeve 160 Viper3/OPTO	Black	12
52 614 00	70001 149	Saddle tee PE 50 x 45-90°	Grey	20
52 614 04	70001 150	Saddle tee 110/110/45°	Grey	8
52 615 85	70004 399	Shield plug 110 Viper3/Tupla	Red	10
52 615 86	70001 790	Shield plug 100 OPTO	Blue	10
52 614 44	70001 792	Shield plug 140-160	Blue	10
52 614 34	70001 039	Double sleeve 50	Grey	30
52 614 06	70001 158	Double sleeve 100 OPTO	Grey	6
52 615 22	70000 526	Reducer 110/100 Viper/OPTO	Grey	40
22 412 40	70000 085	Lubricant 400 g		24



ROCKY cable ducts

ROCKY PE ducts are designed for protection in demanding applications.

- Protection against mechanical stress, climate and earth pressure
- ROCKY SRS is suitable for traditional installation and angle drilling underpasses
- ROCKY SRE is suitable for surface mounting and shallow laying, such as protecting cables at wind farms and cables laid on rock
- Curved ROCKY SRE clasps for surface mounting
- ROCKY cable ducts can be connected with "Electro fusion fittings"; for more information, please see www.pipelife.fi/sahkohitsausjarjestelma
- In case of a ROCKY project, please contact one of our experts

Sähkönumerot ID	Pipelife ID	Type/specifications	Package size m	
Black with white stripe				
52 615 46	70001 089	75 x 4.5 SRS	6/288	Pole
52 615 47	70001 090	75 x 6.8 SRE	6/228	Pole
52 615 39	70001 073	75 x 4.5 SRS	200	XL coil
52 615 45	70001 074	75 x 6.8 SRE	200	XL coil
52 615 53	70001 091	110 x 6.6 SRS	6/174	Pole
52 615 54	70001 092	110 x 10.0 SRE	6/174	Pole
52 615 31	70001 075	110 x 6.6 SRS	100	Coil
52 615 33	70001 076	110 x 10.0 SRE	100	Coil
52 615 34	70001 077	110 x 6.6 SRS	300	XL coil
52 615 27	70001 078	110 x 10.0 SRE	300	XL coil
52 615 55	70001 094	125 x 7.4 SRS	6/156	Pole
52 615 56	70001 095	125 x 11.4 SRE	6/156	Pole
52 615 35	70001 081	125 x 7.4 SRS	100	Coil
52 615 28	70001 082	125 x 11.4 SRE	100	Coil
52 615 48	70001 096	140 x 8.3 SRS	6/90	Pole
52 615 49	70001 097	140 x 12.7 SRE	6/90	Pole
52 615 51	70001 083	140 x 8.3 SRS	Max. 430	Lorry reel*
52 615 52	70001 084	140 x 12.7 SRE	Max. 430	Lorry reel*
52 614 35	70001 098	160 x 14.6 SRE	6/78	Pole
52 614 30	70001 079	160 x 9.5 SRS	Max. 370	Lorry reel*
52 614 31	70001 080	160 x 14.6 SRE	Max. 370	Lorry reel*
Yellow with red stripe				
5261453	70004464	63 x 3.8 SRS	100	Coil
5261454	70004465	75 x 4.5 SRS	100	Coil
5261455	70004467	75 x 4.5 SRS	200	Coil
5261456	70004479	75 x 4.5 SRS	6/288	Pole
5261457	70004490	75 x 4.5 SRS	Max. Xxx	Lorry reel*
5261458	70004468	75 x 6.8 SRE	200	Coil
5261459	70004480	75 x 6.8 SRE	6/288	Pole
5261460	70004466	75 x 6.8 SRE	100	Coil
5261461	70004470	110 x 10.0 SRE	100	Coil
5261462	70004482	110 x 10.0 SRE	6/174	Pole
5261463	70004492	110 x 10.0 SRE	Max. xxx	Lorry reel*
5261464	70004491	110 x 6.5 SRS	Max. xxx	Lorry reel*
5261465	70004469	110 x 6.6 SRS	100	Coil
5261466	70004471	110 x 6.6 SRS	300	Coil
5261467	70004481	110 x 6.6 SRS	6/174	Pole
5261468	70004472	110 x 10.0 SRE	300	Coil
5261469	70004485	125 x 11.4 SRE	6/156	Pole
5261470	70004475	125 x 7.4 SRS	100	Coil
5261471	70004484	125 x 7.4 SRS	6/156	Pole
5261472	70004476	125 x 11.4 SRE	100	Coil
5261473	70004487	140 x 12.7 SRE	6/90	Pole
5261474	70004478	140 x 12.7 SRE	Max. Xxx	Lorry reel*
5261475	70004483	140 x 8.3 SRS	12/430	Pole
5261476	70004486	140 x 8.3 SRS	6/90	Pole
5261477	70004477	140 x 8.3 SRS	Max. Xxx	Lorry reel*
5261478	70004488	160 x 14.6 SRE	6/78	Pole
5261479	70004474	160 x 14.6 SRE	370	Spec
5261480	70004473	160 x 9.5 SRS	370	Spec



Now also
available in
yellow!

ROCKY SRS,
ring stiffness
16 kN/m², for
protecting
underground
cables or cables
passing under
waterways.

ROCKY SRE,
ring stiffness
64 kN/m², for
protecting
surface-
mounted
cables.

We can also
manufacture
other package
sizes on order.



PE coil sizes

Duct size	Length	Inner diameter	Outer diameter	Width	
75	100 m	1,800	2,500	400	Coil
75	250 m	1,800	2,600	1,160	XL coil
110	100 m	2,200	2,900	470	Coil
110	250 m	1,750	2,780	1120	XL coil
125	100 m	2,200	2,900	490	Coil
125	500 m	-	4,100	2,570	Lorry reel*
140	430 m	-	4,100	2,570	Lorry reel*
160					Lorry reel*

* Lorry reels will be unloaded on site. The reel delivery includes 2 hours of unloading time.



ROCKY PE extensions

ROCKY PE coupler connector is designed for extending ROCKY ducts.

Sähkönumerot ID	Pipelife ID	Type/specifications
Rocky extensions		
52 614 81	70004 818	Rocky PE extension 75 mm
52 614 82	70004 819	Rocky PE extension 90 mm
52 614 83	70004 820	Rocky PE extension 110 mm
52 614 84	70004 821	Rocky PE extension 125 mm
52 614 85	70004 822	Rocky PE extension 140 mm
52 614 86	70004 823	Rocky PE extension 160 mm



ROCKY rock clamps

ROCKY rock clamps are designed for protecting surface-mounted cables on rock.

Sähkönumerot ID	Pipelife ID	Type/specifications
Rock clamps		
52 614 16	70000 087	Rocky rock clamp 75 mm
52 614 08	70000 090	Rocky rock clamp 110 mm
52 614 07	70000 089	Rocky rock clamp 125 mm
52 614 17	70000 086	Rocky rock clamp 140 mm
52 614 33	70000 088	Rocky rock clamp 160 mm



Arc welding sleeves

Sähkönumerot ID	Pipelife ID	Type/specifications
Arc welding sleeves		
52 614 18	70004 216	Arc welding sleeve 75 mm
52 614 11	70004 217	Arc welding sleeve 110 mm
52 614 12	70000 105	Arc welding sleeve 125 mm
52 614 19	70000 106	Arc welding sleeve 140 mm
52 614 11	70000 107	Arc welding sleeve 160 mm
18 369 28	70001 872	S-Box Lite Fusamatic arc welder up to DN 160



Optolife jointing chambers

Optolife jointing chambers are designed for implementing cable connections and storing cables. Optolife jointing chambers include ready-made inlets that can be easily opened without special tools. The jointing chambers are lightweight, easy to handle and quick to install, which lowers the installation costs. Optolife jointing chambers and covers (3 metric tons) are designed to withstand the most common loading norms when installed according to the instructions. Optolife jointing chambers have been designed in cooperation with partners based on network building requirements.

Optolife 1000

Cable ducts can be connected to the jointing chamber from four sides.

- 40 mm 4 pcs
- 50 mm 2 pcs
- 50–110 mm 2 pcs
- Dimensions:
Bottom 1,000 x 1,000 mm
Cover 800 mm
Height 600 mm

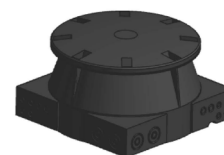
Optolife 1200

Cable ducts can be connected to the jointing chamber from four sides.

- 40 mm 5 pcs
- 50 mm 3 pcs
- 40/60 mm 1 pcs ellipsis
- 100 mm 1 pcs
- 110 mm 1 pcs
- Dimensions:
Bottom 1,200 x 1,200 mm
Cover 800 mm
Height 600 mm

Optolife jointing chambers

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Connections
52 620 92	70001 444	Jointing chamber Optolife 1000	Black	On four sides
52 620 91	70001 443	Jointing chamber Optolife 1200	Black	On four sides



Jointing chamber TELE 1000

Tele 1000 is designed for branching and storing cables. The chamber includes a telescopic length of lay and versatile, customisable connections. The standard model has a cover of 40 metric tons and diameter 500 mm, and its bottom diameter is 1,000 mm and height is 700 mm. The diameter of the customised model's cover can be 500 or 630 mm, and the height of the bottom part of the chamber, the number of connections, the type of the connections and direction of the connections can all be customised. The 40-ton covers are made from cast iron. Seals must be separately ordered for the Ø 100 and 110 models. Developed in cooperation with network builders.

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Package pcs
52 620 93	70000 818	Jointing chamber TELE 1000	Black	1

Submit an order easily with a chamber card. You can find it at pipelife.fi or sähkönumerot.fi.



**Jointing chambers for
professional network
builders: OptoLife
1000/1200 and TELE
1000**



Branching cabinet HPPL

Branching cabinet HPPL is designed for building connections and branches in electrical networks.

- Rotational casting, manufactured from PE
- For building connections and branches in electrical networks
- Dimensions, HPPL 200: 1,000 mm x 320 mm x 190 mm
- Dimensions, HPPL 400: 1,200 mm x 400 mm x 290 mm
- Cover locked with a bolted joint

Sähkönumerot ID	Pipelife ID	Type/specifications	Colour	Package pcs
54 040 11	70001 445	HPPL 200	Green	12
54 040 10	70001 446	HPPL 400	Green	8



OPI channel system

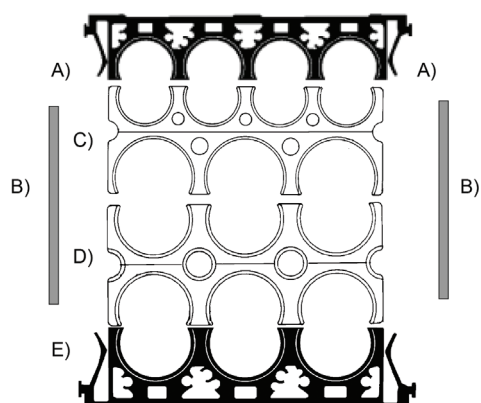
OPI channel system is designed for building cable channels.

- OPI channel system is an efficient solution for protecting cables when you need to fit a large number of cable ducts in a small space.
- The system saves space and time, and facilitates the building of large protective systems.
- It consists of supporting and intermediate combs.
- A cost-efficient solution.

Sähkönumerot ID	Pipelife ID	Type/specifications
Intermediate combs		
52 617 11		AVS 3 x 75/3 x 75
52 617 14		AVS 4 x 75/4 x 75
52 617 27	70004 192	AVS 5 x 75/5 x 75
52 617 28	70004 193	AVS 5 x 75/4 x 110
52 617 03	70004 189	AVS 2 x 110/2 x 110
52 617 02	70004 188	AVS 3 x 110/3 x 110
52 617 39	70004 186	AVS 4 x 100/4 x 100
52 617 01	70004 187	AVS 4 x 110/4 x 110
52 617 04	70004 190	AVS 3 x 160/3 x 160
52 617 05	70004 191	AVS 3 x 160/4 x 110
Supporting combs		
52 617 23	70004 200	FO 2 x 100
52 617 31		FO 2 x 110
52 617 32	70004 201	FO 2 x 160
52 617 24		FO 3 x 100
52 617 34	70004 202	FO 3 x 110
52 617 35	70004 203	FO 3 x 160
52 617 36	70004 204	FO 4 x 110



A reference:
pipelife.fi



Channel assembly example:

- A) Supporting comb FO 4 x 110
- B) Plywood for concrete casting
- C) Intermediate comb AVS 4 x 110/3 x 160
- D) Intermediate comb AVS 3 x 160/3 x 160
- E) Supporting comb FO 3 x 160



DIVIO cable duct

Pipelife DIVIO can be used as a temporary cable duct for protecting cables during construction at construction sites or when permanently repairing a network.

- A splitting duct locked with clamps
- A hinged joint for changing direction by 15°
- For utilisation category SRS (SN8)
- Signal colour of locking clamp: yellow
- Interior dimensions 110 and 160 mm; can be used to repair corresponding ducts

Sähkönumerot ID	Pipelife ID	Dimensions ID/length	Weight	Package pcs
Divio				
52 615 58	70001 020	110/1,100 x 160 x 155 mm	2.05	35
52 615 59	70001 021	160/1,100 x 214 x 204 mm	3.09	15
Locking clamp				
52 615 63	70001 022	162 x 64 x 14	0.047	170

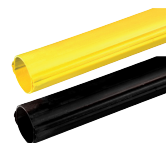


Split PE ducts

Split PE cable ducts are designed for building telecommunications and electrical networks in trafficked areas.

- Interlocking; for repairing and protecting installations

Sähkönumerot ID	Pipelife ID	Type OD/ID x length	Colour	Package m
52 615 91	70000 231	PE, split 58/50 x 5,000	Yellow	550
52 615 90	70000 234	PE, split 110/100 x 3000	Black	162
52 615 84		PE, split 120/110 x 3000	Yellow	144



Information on installation conduits and cable ducts



Strength classes

The systems can be used in a variety of environments under a variety of conditions. The products can be used in both heavily- and lightly-trafficked areas.

Cable ducts are categorised according to SFS 5608 based on their ring stiffness and impact resistance as follows:

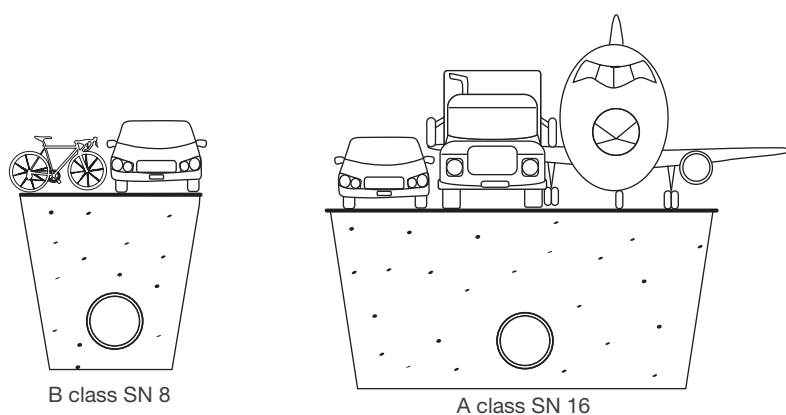
- SN 8/B (8 kN/m²)
- SN 16/A (16 kN/m²)
- Underpass duct SN 30 (30 kN/m²)

Choosing the correct strength category:

- SN16/A ducts are used in heavy duty traffic area application in trafficked areas. They are used in ground-supported ducts and channels protected with sand in areas with heavy traffic, and in installations going under streets, railroads or roads. Ring stiffness ≥ 16 kN/m².
- SN8/B ducts are used in Medium heavy traffic area application in ground-supported ducts outside heavily trafficked areas, and in installations going under

pedestrian and bicycle routes. They can also be used in heavily-trafficked areas if the ducts are protected with concrete. Ring stiffness ≥ 8 kN/m².

- A special underpass duct. For installations going under roads and structures. SN30 ducts.



Cable duct colours

Cable duct colours according to intended use:

-  Ducts for protecting electrical cables are yellow
-  Ducts for protecting telecommunications cables are red
-  Underpass ducts are orange
-  Traffic light ducts are green

Stripes of double ducts

The stripe on a double duct indicates the SN class:

-  Blue stripe: SN8/B
-  Red stripe: SN16/A

Interior colours of Viper3 triple ducts:

The colour of the interior of a Viper3 duct indicates its SN class:

-  Black interior: SN8/B
-  Same colour interior and exterior: SN16/A

Recycling plastic

Follow the responsible recycling model

- Reuse, reduce, recycle, reclaim
- Plastics are valuable and versatile raw materials, so be responsible

Recycling plastic ducts and chambers

- Ducts and chambers made from PE and PP, as well as PVC ducts, can be taken to a plastic recycling point anywhere in Finland or disposed of with building waste.
- Plastic is recycled according to its type: plastic can be turned into a recycled raw material for industrial use or taken to be turned into energy at a combustion plant.
- Plastic in building waste is sorted according to type and delivered to recycling or a combustion plant.

What to do at the construction site

- If there is only a small amount of plastic, you can dispose of it with the rest of your building waste.

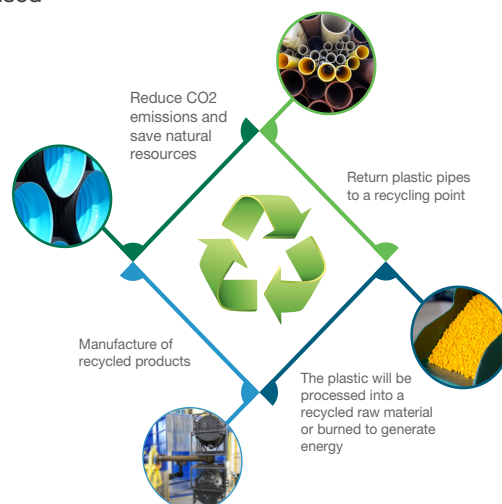
- Plastic recycling companies are happy to accept larger amounts of plastic.
- Only take plastic that is clean and separated from other materials to a plastic recycling point. The ducts may not contain any metals, concrete, loose soil or other impurities.

Recycling PVC

- Of the materials used by Pipelife in its products, PVC is a technically highly recyclable material. PVC can be reused

in the manufacture of plastic products or disposed of in a controlled manner at a combustion plant. Plastic recycling companies accept the hard PVC used in the Pipelife products also in larger batches.

For more information on the recycling of plastic ducts, please contact the Finnish Plastics Industries Federation.

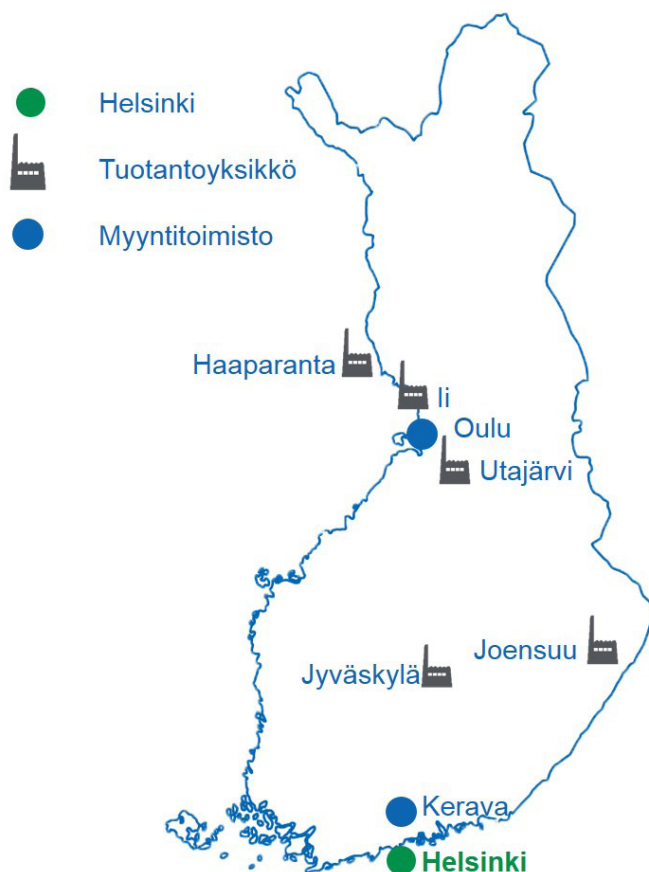


Pipelife Finland Oy

Pipelife is one of Finland's leading HVAC and electrical installation product manufacturers and marketers. Pipelife Finland is part of Pipelife International GmbH, one of the leading HVAC and electricity industry companies in the world with access to significant material, product and production technology expertise in 26 countries.

Pipelife manufactures solutions for municipal and building infrastructure projects and industrial sites. Our product selection includes plastic pipe systems, manholes, oil traps, wastewater systems, as well as electrical conduit and cable duct systems.

One indication of the high quality of our products is the Nordic Poly Mark certification. This proves that the products are designed for Nordic conditions, manufactured according to applicable standards and have long service lives – for your benefit.



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