

WE ARE INVESTING
IN THE FUTURE!





OUR COMPANY

THE COMPANY

KASSINAKIS S.A. was established in 1964 by Mr. Petros Kassinakis in Athens Greece. Since then the company has been established as a pioneer in the production of high-quality cable management systems.

KASSINAKIS S.A. has specialized in the processing of synthetic materials, with the method of Injection and extrusion. Its product range includes electrical conduits and cable trunking, plastic profiles, pipes for special applications, electrical boxes and high-precision technical parts.

The quality and reliability of its products, cover the different needs of the modern electrical installations in Greece and abroad. All products are produced according to the strictest international standards, in compliance with the requirements of the principles of total quality, with respect for the environment and the end user. Our products promote safety and exceed the requirements of a modern electrical installation.

Our long term experience based on research, development and production, resulted in the establishment of our company as one of the leading manufacturers of high quality electrical equipment.

PRODUCTS & SERVICES

Pioneers in safety, functionality and ease of installation, we offer new solutions by creating and offering products which combine excellent quality and best prices.

We produce a wide range of systems for electrical installation:

- Electrical installation conduit Systems
- Electrical installation trunking systems
- Weatherproof boxes
- Junction and Derivation Flush boxes
- Tubes for special applications etc.

In cooperation with the FRANKISCHE, one of the biggest German companies with over 100 years of history and expertise, we produce Electrical Systems which withstand even the most extreme temperatures, weather conditions, UV radiation, acids, and alkaline substances. For special application, Halogen free products are available in our range.



INSTALLATION

In our 9000 m² facility operates our vertically integrated production unit with highly sophisticated state of the art machinery and equipment, organized warehouses and efficient logistics.

Our equipment and operational processes allow us to produce over 500 km of tubes, trunkings and profiles per day, production which exceeds the needs of Greek market and is exported worldwide.

INNOVATION

We believe that innovation is the most important parameter for development.

For this reason we set new standards in performance, functionality and aesthetics. With thorough evaluation of the needs and trends of the market, we are able to quickly respond and satisfy any new arisen need.

In close cooperation with our customers we design and manufacture products that meet their expectation and specifications, offering innovative solutions with safety and quality.

Featuring the most advanced systems for measurement, control and automation and an in-house state of the art R&D department equipped with CAD/CAM, we construct molds by highly sophisticated CNC machinery.

We are able to transform your idea in a custom made product.

VISION

The policy of our company is based in the tireless effort for continuous improvement by building and developing effective working relationship with our customers.

Our commitment is based on the spirit of inventiveness and are future-oriented, not only in the field of production but also in management, delivery and after sales service.

By setting new and demanding business goals and through significant investments we ensure our competitiveness at global level and our expansion into new and emerging markets.

Looking into the future KASSINAKIS S.A., is committed to design, produce and deliver high quality products and services, build trust and mutual confidence and provide added value to its customers.

ENVIROMENT AND CERTIFICATION

CERTIFICATION

For KASSINAKIS S.A. safety of electrical installation is a fundamental principle.

All products are subject to endurance tests in accordance with their application field. Compliance with the Greek and European norms and standards is a priority and a commitment for us.

All our products go beyond the requirements of the relevant European and International Guidelines and Standards (such as 2006/95/EC and 95EK) and legally bear the CE marking. Additionally, our products are certified by internationally recognized Institutions and Greek bodies such as VDE and MIRTEC. They are controlled in real time with the most modern industrial equipment and always in compliance with the requirements of quality management system EN ISO 9001: 2008, which encompasses all activities and procedures of the company including sourcing, design of new products, production and distribution.

The exclusive use of high-quality raw materials and the continuous monitoring of production in our own laboratories and testing centers, in addition to officially recognized independent testing centers, resulted in a range of high quality products and the continuously upgrading service.

ENVIROMENTAL MANAGEMENT

Environmental protection is a matter which concerns us all; KASSINAKIS S.A. always with a sense of responsibility towards society supports the introduction of environmental consciousness in production.

As a pioneer in the industry of electrical installations KASSINAKIS S.A. developed a certified integrated environmental management system in accordance with the standard EN ISO 14001: 2004.

Fellow travelers in this effort are the human potential of the company which supports its orientation and philosophy. KASSINAKIS S.A., by adopting an integrated environmental policy, contributes directly to minimize or eliminate any impact on the environment from any operation of the company, providing significant funds to green investments.



ISO 9001:2008
ISO 14001:2004



QUALITY POLICY

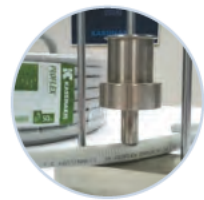
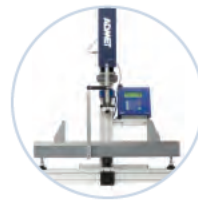
Our aim is to design, produce and trade high quality products that exceed the standards set by our customers while fulfilling the International Standards applied to them. With this in mind all operations in the company are performed according to a Quality Management System and is in accordance with the requirements of ISO 9001:2008. The implementation and day to day operation of the QMS is the commitment of the Management as well as the whole staff of the company, focused on Continuous Improvement and Effectiveness aiming to provide our customers and the end user with superior quality products and services. The quality targets of KASSINAKIS S.A. as set by the Management and effectively communicated to the company are:

- Continuous improvement of our Customers Satisfaction in terms of quality, quantity, delivery time of our products and services.
- Improvement and sustainability of high Quality Standards in production, resulting from effective programming, monitoring and control.
- Immediate detection and investigation of quality issues, aiming to eliminate the root causes.
- Strict selection and continuous evaluation of our suppliers, and cooperation only with the best.

- Continuous monitoring of the market for new products and services as well as for arising needs and opportunities.
- Continuous Education and Training of our Human Resources (our most valuable resource).

Aiming to achieve and surpass the targets set above, the Management of the company is committed in providing the necessary resources to the employees to effectively perform their tasks.

The employees of the company, operating as a team, guarantee the superior quality of our products and services delivered to our Customers and the End users.





P.E. KASSIMAKIS
SA PROFLEX 450

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- Heavy Type 1250N
- Medium Type 750N
- Light Type 320N

PLIABLE & RIGID
ELECTRICAL CONDUITS
COSMOTUBE® & COSMOFLEX®



• Pliable Electrical Conduits

COSMOFLEX®, available in gray color RAL 7035, from specially stabilized U-PVC. Shelf-extinguishing and flame retardant, with great resistance to corrosion. Extremely flexible and without alteration of its section. The special internal design of the conduits facilitate the passage of wires. Heavy Type 1250N, Medium Type 750N, Light Type 320N

• Rigid Electrical Conduits

COSMOTUBE® range, from specially stabilized U-PVC, is available in straight lengths of 3m. It is shelf-extinguishing and flame retardant, with great resistance to corrosion and UV radiation, without alteration of its straight section. It comes with a large range of compatible fittings. Heavy Type 1250N, Medium Type 750N, Light Type 320N

Plastic Conduit Accessories & Fittings

Fully compatible with COSMOTUBE® and COSMOFLEX® conduits



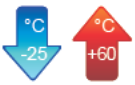



COSMOFLEX® HEAVY

HEAVY TYPE PLIABLE CORRUGATED CONDUIT HIGHLY DEMANDING INSTALLATIONS





The ideal partner in Electrical installations for solar panels, and wind generators. The pliable corrugated conduit COSMOFLEX® HEAVY is the ideal solution for external electrical installation, underground networks, industrial sites as well as acidic and alkaline environments.

It assembles perfectly with the COSMOTUBE® accessories (couplings, push-fit elbows, T-joints, elbows, 90° bends, snap conduit supports, omega clips) the COSMOTUBE® HEAVY straight conduit and with the weatherproof boxes, switches and sockets into the ideal Electrical Installation Conduit System with sealing ability IP 65. COSMOFLEX® HEAVY, is produced in light grey RAL 7035 from specially stabilized U-PVC, self-extinguishing, highly resistant to flame, corrosion and the Ultra Violet (UV) radiation. This corrugated conduit is very flexible while maintaining its original diameter. The specially designed internal spirals ensure minimal friction to the electrical wires and thus significantly reducing the installation time.

The classification code according to EN 61386.22 is 4441; corresponding in resistance to compression force of 1250N, impact strength of 6Joule for installations at temperatures -25°C up to +60°C.

Resistance to compression	Resistance to impact	Temperature resistance
		
1250N/ 5cm	-25°C +60°C	
Colour	Self-extinguishing	Packaging
		
RAL 7035		



Reference	Type	 (mm)	 (mm)	 (m)	 (m)
45000816	ø16	16	≥10,7	50 M	200 M
45000820	ø20	20	≥13,6	50 M	200 M
45000825	ø25	25	≥18,2	50 M	200 M
45000832	ø32	32	≥24,0	25 M	50 M
45000840	ø40	40	≥30,9	25 M	50 M
45000850	ø50	50	≥39,8	25 M	50 M
45000863	ø63*	63	≥50,3	25 M	50 M

The tolerances and measurements are according to EN 61386

*Upon request

COSMOTUBE® HEAVY

HEAVY TYPE STRAIGHT CONDUIT HIGHLY DEMANDING INSTALLATIONS







The ideal partner in Electrical installations for photovoltaic panels, and wind generators.





The straight conduit COSMOTUBE® HEAVY is the ideal solution for external electrical installation, underground networks, industrial sites as well as acidic and alkaline environments.

It assembles perfectly with the COSMOTUBE® accessories (couplings, push-fit elbows, T-joints, elbows, 90° bends, snap conduit supports, omega clips) the COSMOFLEX® HEAVY corrugated conduit and with the weatherproof boxes, switches and sockets into the ideal Electrical Installation Conduit System with sealing ability IP 65.

COSMOTUBE® HEAVY, is produced in light grey RAL 7035 from specially stabilized U-PVC, self-extinguishing, highly resistant to flame, corrosion and the Ultra Violet (UV) radiation.

The classification code according to EN 61386.21 is 4441; corresponding in resistance to compression force of 1250N, impact strength of 6Joule for installations at temperatures -25°C up to +60°C.

Resistance to compression	Resistance to impact	Temperature resistance
		
1250N/ 5cm	>6J	-25 C +60 C
Colour	Self-extinguishing	Packaging
		
RAL 7035		

Reference	Type	 (mm)	 (mm)	 (m)	 (m)
44516126	ø16	16	≥13	3 M	102 M
44520168	ø20	20	≥16,4	3 M	102 M
44525214	ø25	25	≥21,2	3 M	102 M
44532278	ø32	32	≥27,8	3 M	30 M
44540354	ø40	40	≥35,1	3 M	30 M
44550446	ø50	50	≥45,0	3 M	15 M
44563567	ø63	63	≥56,7	3 M	15 M

The tolerances and measurements are according to EN 61386



COSMOFLEX® MEDIUM

MEDIUM TYPE PLIABLE CORRUGATED CONDUIT EXTERNAL INSTALLATIONS







The pliable corrugated conduit COSMOFLEX® MEDIUM is the ideal solution for external electrical installation, underground networks, and industrial sites as well as within pressurized concrete.

It assembles perfectly with the COSMOTUBE® accessories (couplings, push-fit elbows, T-joints, elbows, 90° bends, snap conduit supports, omega clips) the COSMOTUBE® MEDIUM straight conduit and with the weatherproof boxes, switches and sockets into the ideal Electrical Installation Conduit System with sealing ability IP 65.

COSMOFLEX® MEDIUM is produced in light grey RAL 7035 from specially stabilized U-PVC, self-extinguishing, highly resistant to flame, corrosion and the Ultra Violet (UV) radiation. This corrugated conduit is very flexible while maintaining its original diameter.

The specially designed internal spirals ensure minimal friction to the electrical wires and thus significantly reducing the installation time.

The classification code according to EN 61386.22 is 3341; corresponding in resistance to compression force of >750N, impact strength of >2Joule for installations at temperatures -25°C up to +60°C.

Resistance to compression	Resistance to impact	Temperature resistance
		
750N/ 5cm	-25°C +60°C	
Colour	Self-extinguishing	Packaging
		
RAL 7035		



Reference	Type	(mm)	(mm)	(mm)	(m)
45000616	ø16	16	≥10,8	50 M	200 M
45000620	ø20	20	≥14,1	50 M	200 M
45000625	ø25	25	≥18,4	50 M	200 M
45000632	ø32	32	≥24,4	25 M	50 M
45000640	ø40	40	≥31,2	25 M	50 M
45000650	ø50	50	≥39,6	25 M	50 M
45000663	ø63*	63	≥50,5	25 M	50 M

The tolerances and measurements are according to EN 61386

*Upon request

COSMOTUBE® MEDIUM

MEDIUM TYPE STRAIGHT CONDUIT EXTERNAL INSTALLATIONS

The straight conduit COSMOTUBE® MEDIUM is the ideal solution for external electrical installation, underground networks, and industrial sites as well as within pressurized concrete.





It assembles perfectly with the COSMOTUBE® accessories (couplings, push-fit elbows, T-joints, elbows, 90° bends, snap conduit supports, omega clips) the COSMOFLEX® MEDIUM corrugated conduit and with the weatherproof boxes, switches and sockets into the ideal Electrical Installation Conduit System with sealing ability IP 65.

COSMOTUBE® MEDIUM is produced in light grey RAL 7035 from specially stabilized U-PVC, self-extinguishing, highly resistant to flame, corrosion and the Ultra Violet (UV) radiation.

The classification code according to EN 61386.21 is 3341; corresponding in resistance to compression force of >750N, impact strength of >2Joule for installations at temperatures -25°C up to +60°C.

Resistance to compression	Resistance to impact	Temperature resistance
		
750N/ 5cm	>2J	-25 C +60 C
Colour	Self-extinguishing	Packaging
		
RAL 7035		



Reference	Type	 (mm)	 (mm)	 (m)	 (m)
44216137	ø16	16	≥13,4	3 M	102 M
44220174	ø20	20	≥16,8	3 M	102 M
44225221	ø25	25	≥21,6	3 M	102 M
44232286	ø32	32	≥28,2	3 M	30 M
44240358	ø40	40	≥36,0	3 M	30 M
44250451	ø50	50	≥45,6	3 M	15 M
44263588	ø63	63	≥58,8	3 M	15 M

The tolerances and measurements are according to EN 61386

COSMOFLEX® LIGHT



LIGHT TYPE PLIABLE CORRUGATED CONDUIT INTERNAL INSTALLATIONS



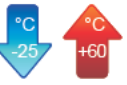



The pliable corrugated conduit COSMOFLEX® LIGHT is the ideal solution for electrical installations under the plaster, within floors, plasterboards, ceilings and in general for installations with light mechanical requirements.

It assembles perfectly with the COSMOTUBE® accessories (couplings, push-fit elbows, T-joints, elbows, 90° bends, snap conduit supports, omega clips) the COSMOTUBE® LIGHT straight conduit and with the weatherproof boxes, switches and sockets into the ideal (internal) Electrical Installation Conduit System with sealing ability IP 65.


COSMOFLEX® LIGHT is produced in light grey RAL 7035 from specially stabilized U-PVC, self-extinguishing, highly resistant to flame and corrosion. This corrugated conduit is very flexible while maintaining its original diameter.

The specially designed internal spirals ensure minimal friction to the electrical wires and thus significantly reducing the installation time.

The classification code according to EN 61386.22 is 2241; corresponding in resistance to compression force of >320N, impact strength of >1Joule for installations at temperatures -25°C up to +60°C.

Resistance to compression	Resistance to impact	Temperature resistance
		
320N/ 5cm	-25°C +60°C	
Colour (interior tube)	Self-extinguishing	Packaging
		
RAL 7035		



	Type	 (mm)	 (mm)		 (m)
45000516	ø16	16	≥10,9	50 M	200 M
45000520	ø20	20	≥14,4	50 M	200 M
45000525	ø25	25	≥18,6	50 M	200 M
45000532	ø32	32	≥24,4	25 M	50 M
45000540	ø40	40	≥31,9	25 M	50 M
45000550	ø50	50	≥40,4	25 M	50 M
45000563	ø63*	63	≥50,7	25 M	50 M

The tolerances and measurements are according to EN 61386

*Upon request

COSMOTUBE® LIGHT







LIGHT TYPE STRAIGHT CONDUIT INTERNAL INSTALLATIONS





The straight conduit COSMOTUBE® LIGHT is the ideal solution for electrical installations under the plaster, within floors, plasterboards, ceilings and in general for installations with light mechanical requirements.

It assembles perfectly with the COSMOTUBE® accessories (couplings, push-fit elbows, T-joints, elbows, 90° bends, snap conduit supports, omega clips) the COSMOFLEX® LIGHT corrugated conduit and with the weatherproof boxes, switches and sockets into the ideal (internal) Electrical Installation Conduit System with sealing ability IP 65.

COSMOTUBE® LIGHT is produced in light grey RAL 7035 from specially stabilized U-PVC, self-extinguishing, highly resistant to flame and corrosion.

The classification code according to EN 61386.21 is 2241; corresponding in resistance to compression force of >320N, impact strength of >1Joule for installations at temperatures -25°C up to +60°C.

Resistance to compression	Resistance to impact	Temperature resistance
 320N/ 5cm	 >1J	 -25 °C +60 °C
Colour	Self-extinguishing	Packaging
 RAL 7035		

Reference	Type	 (mm)	 (mm)	 (m)	 (m)
44216144	ø16	16	≥14,4	3 M	102 M
44220183	ø20	20	≥17,8	3 M	102 M
44225231	ø25	25	≥22,6	3 M	102 M
44232295	ø32	32	≥29,5	3 M	30 M
44240369	ø40	40	≥36,9	3 M	30 M
44250461	ø50	50	≥46,1	3 M	15 M

The tolerances and measurements are according to EN 61386




ACCESSORIES

COSMOTUBE®




COUPLINGS PUSH-FIT ELBOWS T-JOINTS


(A) COUPLINGS

Reference	Type	Packaging	
47008316	Cosmotube Couplings Ø16	100 Pieces	34cmX15cmX15cm
47008320	Cosmotube Couplings Ø20	100 Pieces	34cmX15cmX15cm
47008325	Cosmotube Couplings Ø25	100 Pieces	34cmX15cmX15cm
47008332	Cosmotube Couplings Ø32	50 Pieces	34cmX15cmX15cm
47008340	Cosmotube Couplings Ø40	20 Pieces	34cmX15cmX15cm
63150050	Cosmotube Couplings Ø50	20 Pieces	34cmX15cmX15cm

(B) PUSH-FIT ELBOWS

Reference	Type	Packaging	
63160016	Cosmotube Push-fit Elbow Ø16	10/250 Pieces	34cmX15cmX15cm
63160020	Cosmotube Push-fit Elbow Ø20	10/250 Pieces	34cmX15cmX15cm
63160025	Cosmotube Push-fit Elbow Ø25	10/250 Pieces	34cmX15cmX15cm
63160032	Cosmotube Push-fit Elbow Ø32	10/200 Pieces	34cmX15cmX15cm
63160040	Cosmotube Push-fit Elbow Ø40	5/100 Pieces	34cmX15cmX15cm
63160050	Cosmotube Push-fit Elbow Ø50	5/100 Pieces	34cmX15cmX15cm

(C) T-JOINTS

Reference	Type	Packaging	
69100016	Cosmotube T-Joints Ø16	10/250 Pieces	17cmX13cmX9cm
69100020	Cosmotube T-Joints Ø20	10/250 Pieces	17cmX13cmX9cm
69100025	Cosmotube T-Joints Ø25	10/250 Pieces	17cmX13cmX9cm




The COSMOTUBE® ACCESSORIES, assemble perfectly with the COSMOTUBE® and COSMOFLEX® conduits, the Weatherproof Junction Boxes and the Weatherproof Switches and Plugs into a complete (External or Internal) Electrical Installation Conduit System with sealing ability > IP 65.

ACCESSORIES COSMOTUBE®

90° BENDS SNAP CONDUIT SUPPORTS OMEGA CLIPS


D 90° BENDS

Reference	Type	Packaging	
69000016	Cosmotube 90° Bends Ø16	10/250 Pieces	17cmX13cmX9cm
69000020	Cosmotube 90° Bends Ø20	10/250 Pieces	17cmX13cmX9cm
69000025	Cosmotube 90° Bends Ø25	10/250 Pieces	17cmX13cmX9cm

D




E SNAP CONDUIT SUPPORTS

Reference	Type	Packaging	
63170016	Cosmotube Snap Conduit Ø16	100/5000 Pieces	17cmX13cmX9cm
63170020	Cosmotube Snap Conduit Ø20	100/4000 Pieces	17cmX13cmX9cm
63170025	Cosmotube Snap Conduit Ø25	100/3000 Pieces	17cmX13cmX9cm
63170032	Cosmotube Snap Conduit Ø32	100/2000 Pieces	17cmX13cmX9cm
63170040	Cosmotube Snap Conduit Ø40	50/1000 Pieces	17cmX13cmX9cm
63170050	Cosmotube Snap Conduit Ø50	25/1000 Pieces	17cmX13cmX9cm

E



F OMEGA CLIPS

Reference	Type	Packaging	
63172016	Cosmotube Omega Clips Ø16	100/5000 Pieces	17cmX13cmX9cm
63172020	Cosmotube Omega Clips Ø20	100/5000 Pieces	17cmX13cmX9cm
63172025	Cosmotube Omega Clips Ø25	100/5000 Pieces	17cmX13cmX9cm
63172032	Cosmotube Omega Clips Ø32	100/3600 Pieces	17cmX13cmX9cm

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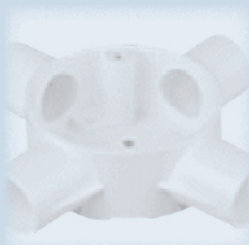
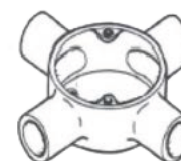
HF COSMOTUBE® ACCESSORIES are produced from specially stabilized thermoplastic resins, highly durable, heavy metals free (RoHS), Halogen Free (HF), self extinguishing, highly resistant to flame and corrosion. COSMOTUBE® ACCESSORIES are available in light grey RAL 7035. They are produced according to the international standard EN 61386 and are highly resistant to the UV radiation.



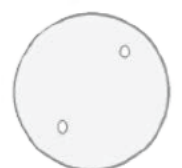


Round Conduit Boxes, British Standards

LOOP IN BOX		
Reference	Type	
47001201	LOOP IN BOX ø20	10
47001211	LOOP IN BOX ø25	10
TERMINAL 1- WAY		
Reference	Type	
47001202	TERMINAL 1- WAY ø20	10
47001212	TERMINAL 1- WAY ø25	10
THROUGH 2-WAY		
Reference	Type	
47001203	THROUGH 2-WAY ø20	10
47001213	THROUGH 2-WAY ø25	10
ANGLE 2-WAY		
Reference	Type	
47001204	ANGLE 2-WAY ø20	10
47001214	ANGLE 2-WAY ø25	10
TEE 3-WAY		
Reference	Type	
47001205	TEE 3-WAY ø20	10
47001215	TEE 3-WAY ø25	10
INTERSECTION 4- WAY		
Reference	Type	
47001206	INTERSECTION 4- WAY ø20	10
47001216	INTERSECTION 4- WAY ø25	10



Round Conduit Boxes, British Standards



U 2-WAY		
Reference	Type	
47001207	U 2-WAY ø20	10
47001217	U 2-WAY ø25	10
Y 3-WAY		
Reference	Type	
47001208	Y 3-WAY ø20	10
47001218	Y 3-WAY ø25	10
H 4-WAY		
Reference	Type	
47001209	H 4-WAY ø20	10
47001219	H 4-WAY ø25	10
Circular lids		
Reference	Type	
47001200	Circular lids ø20	50

Also: Products for British Standards wiring accessories



One-gang and two-gang surface boxes for mini trunking 16X16 and 25X16 mm
Page 45 & page 59



One-gang and two-gang closed boxes for trunking 100X50 mm

Page 49



One-gang and two-gang open plates for trunking 100X50 mm

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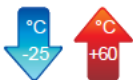



COSMOFLEX® HF



HF PLIABLE CORRUGATED CONDUIT

The halogen-free, non-flame propagating material makes HF COSMOFLEX® particularly suited for installations in public buildings and industrial facilities, for exposed and concealed installations, and for installations on wood and in concrete.

It assembles perfectly with the HF COSMOTUBE® accessories (couplings, push-fit elbows, snap conduit supports, omega clips) the COSMOTUBE® straight conduit and with the weatherproof boxes, switches and sockets into the ideal (internal) Electrical Installation Conduit System with sealing ability IP 64. HF COSMOFLEX® is produced in light grey RAL 7035 from special plastic, self-extinguishing, highly resistant to flame and corrosion. This corrugated conduit is very flexible while maintaining its original diameter. The specially designed internal spirals ensure minimal friction to the electrical wires and thus significantly reducing the installation time.

Resistance to compression	Resistance to impact	Temperature resistance
		
750N/ 5cm	-25°C +60°C	
Colour	Self-extinguishing	Packaging
		
RAL 7035		



	Type	 (mm)	 (m)	 (m)
45000916	ø16	16	50 M	200 M
45000920	ø20	20	50 M	200 M
45000925	ø25	25	50 M	200 M
45000932	ø32	32	25 M	50 M
45000940	ø40	40	25 M	50 M
45000950	ø50	50	25 M	50 M

The tolerances and measurements are according to EN 61386



COSMOTUBE® HF






Pliable & Rigid Conduits
COSMOTUBE® & COSMOFLEX®

HF STRAIGHT CONDUIT

The straight conduit HF COSMOTUBE® is a halogen-free conduit made from special plastic. It is the ideal solution for external electrical installation, underground networks, and industrial sites in environments requiring mechanical strength, and halogen-free conduits.

It assembles perfectly with the HF COSMOTUBE® accessories (couplings, push-fit elbows, snap conduit supports), the HF COSMOFLEX® corrugated conduit and with the weatherproof boxes, switches and sockets into the ideal Electrical Installation Conduit System with sealing ability IP 64. HF COSMOTUBE® is produced in light grey RAL 7035 from special plastic, self-extinguishing, highly resistant to flame, corrosion and the Ultra Violet (UV) radiation.

Temperature resistance	Colour	Self-extinguishing	Packaging

Reference	Type	 (mm)		 (m)
44500116	ø16	16	3 M	102 M
44500120	ø20	20	3 M	102 M
44500125	ø25	25	3 M	102 M
44500132	ø32	32	3 M	30 M
44500140	ø40	40	3 M	30 M
44500150	ø50	50	3 M	15 M



The tolerances and measurements are according to EN 61386



COSMOTUBE[®] COSMOFLEX[®]

Halogen Free conduit system



MEDIUM TYPE STRAIGHT and PLIABLE CONDUIT FOR HIGHLY DEMANDING INSTALLATIONS

Why Halogen Free products?

- To enhance the overall fire safety of electrical installations.

WHERE'S THE DANGER ?

Halogens are chemical elements which, during combustion, can:

- Spread extremely harmful fumes.
- Attack building components and computer technologies.
- Cause casualties.



ADVANTAGES OF HF COSMOTUBE[®] & COSMOFLEX[®]

- Less toxic gases can save lives and are less harmful for the environment, buildings and technical infrastructures.
- Less smoke makes the job of fire fighters and rescue services easier and safer.
- Flame retardancy prevents the spreading of the fire.

COMPATIBLE SYSTEM


HF COSMOFLEX[®] and HF COSMOTUBE[®] assemble perfectly with the HF COSMOTUBE[®] accessories (couplings, push-fit elbows, snap conduit supports) and with the weatherproof boxes

HF ACCESSORIES COSMOTUBE®




Pliable & Rigid Conduits
COSMOTUBE® & COSMOFLEX®

COUPLINGS

Reference	Type	Packaging	
63159016	Cosmotube Couplings Ø16	100 Pieces 34cmX15cmX15cm	
63159020	Cosmotube Couplings Ø20	100 Pieces 34cmX15cmX15cm	
63159025	Cosmotube Couplings Ø25	100 Pieces 34cmX15cmX15cm	
63159032	Cosmotube Couplings Ø32	50 Pieces 34cmX15cmX15cm	
63159040	Cosmotube Couplings Ø40	20 Pieces 34cmX15cmX15cm	
63159050	Cosmotube Couplings Ø50	20 Pieces 34cmX15cmX15cm	
63159063	Cosmotube Couplings Ø63	20 Pieces 34cmX15cmX15cm	




PUSH-FIT ELBOWS

Reference	Type	Packaging	
63169016	Cosmotube Push-fit E bow Ø16	10/250 Pieces 34cmX15cmX15cm	
63169020	Cosmotube Push-fit E bow Ø20	10/250 Pieces 34cmX15cmX15cm	
63169025	Cosmotube Push-fit E bow Ø25	10/250 Pieces 34cmX15cmX15cm	
63169032	Cosmotube Push-fit E bow Ø32	10/200 Pieces 34cmX15cmX15cm	
63169040	Cosmotube Push-fit Elbow Ø40	5/100 Pieces 34cmX15cmX15cm	
63169050	Cosmotube Push-fit E bow Ø50	5/100 Pieces 34cmX15cmX15cm	
63169063	Cosmotube Push-fit E bow Ø63	5/100 Pieces 34cmX15cmX15cm	



SNAP CONDUIT SUPPORTS

Reference	Type	Packaging	
63179016	Cosmotube Snap Conduit Ø16	100/5000 Pieces 17cmX13cmX9cm	
63179020	Cosmotube Snap Conduit Ø20	100/4000 Pieces 17cmX13cmX9cm	
63179025	Cosmotube Snap Conduit Ø25	100/3000 Pieces 17cmX13cmX9cm	
63179032	Cosmotube Snap Conduit Ø32	100/2000 Pieces 17cmX13cmX9cm	
63179040	Cosmotube Snap Conduit Ø40	50/1000 Pieces 17cmX13cmX9cm	
63179050	Cosmotube Snap Conduit Ø50	25/1000 Pieces 17cmX13cmX9cm	
63179063	Cosmotube Snap Conduit Ø63	25/1000 Pieces 17cmX13cmX9cm	



HF COSMOTUBE® ACCESSORIES are produced from specially stabilized thermoplastic resins, highly durable, heavy metals free (RoHS), Halogen Free (HF), self extinguishing, highly resistant to flame and corrosion. COSMOTUBE® ACCESSORIES are available in light grey RAL 7035. They are produced according to the international standard EN 61386 and are highly resistant to the UV radiation.





SPECIAL FLEXIBLE PIPES FLUSH MOUNTING JUNCTION BOXES

- **PROFLEX® & FLEXODIN®:**

Driving wires in concrete

- **COFLEX®:**

Resealable Slit Corrugated Tubing for solar panels, satellite TV facilities and other outdoor installations

- **SPIRFLEX®:**

Extremely flexible for Air-Conditioning drainage, industrial and construction use





MEDIUM TYPE PLIABLE CORRUGATED CONDUIT WITH EXTERNAL COATING PRESSURIZED CONCRETE



The external insulating coating of PROFLEX® is ideal for electrical installations within concrete and especially pressurized concrete. For installations with special requirements it can be used in conjunction with straight reinforced pipes.

PROFLEX® is produced in Light Grey RAL 9002 the external coating and Dark Grey RAL 7042 the corrugated pipe. The outside coating is S-PVC and the pipe U-PVC both specially stabilized, self self-extinguishing, highly resistant to flame and corrosion.

This corrugated conduit is very flexible while maintaining its original diameter. The specially designed internal spirals ensure minimal friction to the electrical wires and thus significantly reducing the installation time.




The classification code according to EN 61386.22 is 3341; corresponding in resistance to compression force of >750N, impact strength of >2Joule for installations at temperatures -25°C up to +60°C.




It is also available with internal wire for the ease wire installation PROFLEX WIRE® (Upon request).

Resistance to compression	Temperature resistance	Self-extinguishing
		
750N/ 5cm		
Colour (interior tube)	Colour (exterior coating)	Packaging
		
RAL 7042	RAL 9002	



The tolerances and measurements are according to DIN 49018

Reference	Type (DIN)	 (mm)	 (mm)	 (m)
45010611.30	ø11	16,2	≥11,2	50 M
45010613.30	ø13,5	18,9	≥14,2	50 M
45010616.30	ø16	23,2	≥16,8	50 M
45010623.30	ø23	30,2	≥23,6	25 M
45010629.30	ø29	36,8	≥29,3	25 M

Reference	Type (EN)	 (mm)	 (mm)	 (m)
45011620	ø20	20	≥14.4	50 M
45011625	ø25	25	≥18.8	50 M

The tolerances and measurements are according to EN 61386



MEDIUM TYPE PLIABLE CORRUGATED CONDUIT PRESSURIZED CONCRETE

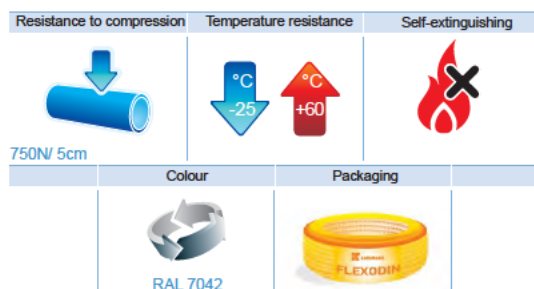
FLEXODIN® is used where the mechanical properties of EASYFLEX® are not sufficient. It is ideal for electrical installations within and under the plaster, concrete and especially pressurized concrete.





FLEXODIN® is produced in dark grey RAL 7042, from specially stabilized, self self-extinguishing, highly resistant to flame and corrosion U-PVC.

This corrugated conduit is very flexible while maintaining its original diameter.

The specially designed internal spirals ensure minimal friction to the electrical wires and thus significantly reducing the installation.

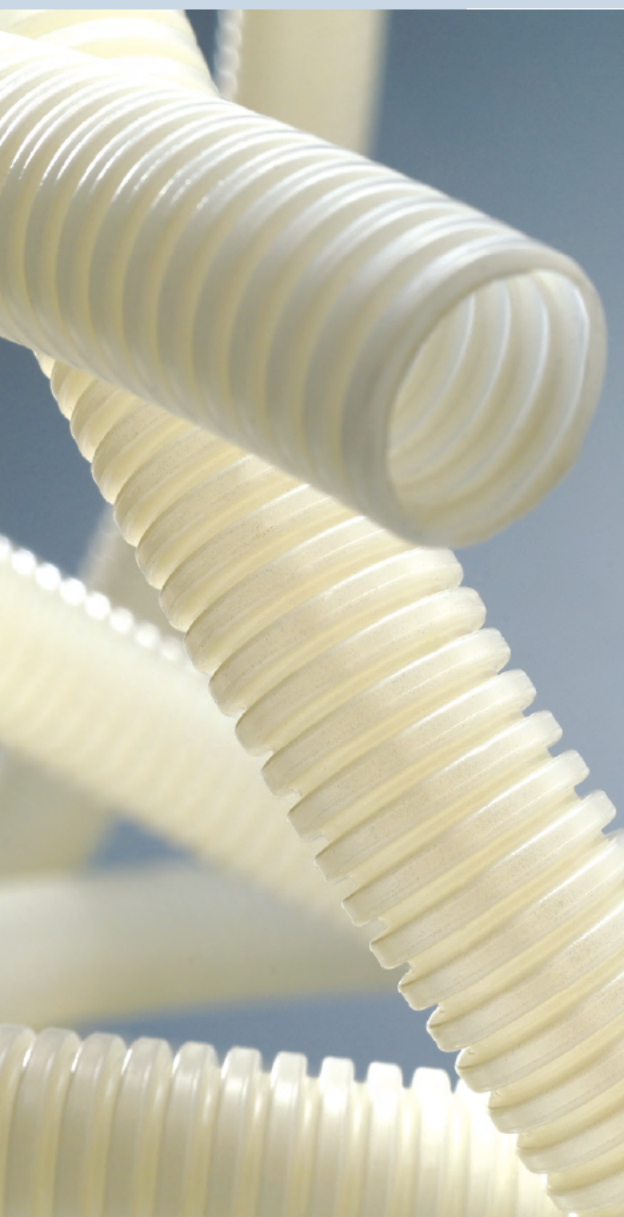
The classification code according to EN 61386.22 is 3341; corresponding in resistance to compression force of >750N, impact strength of >2Joule for installations at temperatures -25°C up to +60°C.



Reference	Type	 (mm)	 (mm)		 (m)
45000711	ø11	15,9	≥11,2	50 M	200 M
45000713	ø13,5	19,8	≥14,2	50 M	200 M
45000716	ø16	22,6	≥16,8	50 M	200 M
45000723	ø23	29,6	≥23,6	25 M	100 M
45000729	ø29	34,2	>29,3	25 M	100 M

The tolerances and measurements are according to DIN 49018





LIGHT TYPE PLIABLE CORRUGATED CONDUIT PLASTER


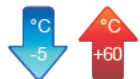



EASYFLEX® is used for applications with light mechanical requirements. It is ideal for installation within or under the plaster.

The conduit is produced in Beige RAL 9001, from specially stabilized, self self-extinguishing, highly resistant to flame and corrosion U-PVC.




This corrugated conduit is very flexible while maintaining its original diameter.

The specially designed internal spirals ensure minimal friction to the electrical wires and thus significantly reducing the installation time.

The classification code according to EN 61386.22 is 2221; corresponding in resistance to compression force of >320N, impact strength of >1Joule for installations at temperatures -5°C up to +60°C.

Resistance to compression	Temperature resistance	Self-extinguishing
		
320N/ 5cm		
Colour	Packaging	
		
RAL 9001	EASYFLEX	



Reference	Type	 (mm)	 (mm)	 (m)
45110011.11	ø11	17	≥12,2	50/200 M
45110013.11	ø13,5	18,6	≥14,4	50/200 M
45110016.11	ø16	21	≥16,8	50/200 M
45110023.11	ø23	29,6	≥23,7	25/100 M
45110029.11	ø29	36,2	≥29,3	25/100 M

The tolerances and measurements are according to DIN 49018



LIGHT TYPE STRAIGHT CONDUIT - PLASTER

EASYTUBE® is used for applications with light mechanical requirements. It is ideal for installation within or under the plaster.

The conduit is produced in Beige RAL 9001, from specially stabilized, self self-extinguishing, highly resistant to flame and corrosion U-PVC in 3 m length.

The classification code according to EN 61386.21 is 2221; corresponding in resistance to compression force of >320N, impact strength of >1Joule for installations at temperatures -5°C up to +60°C.

Resistance to compression	Temperature resistance	Self-extinguishing
 320N/ 5cm		
Colour	Packaging	
 RAL 9001		



Reference	Type	 (mm)	 (mm)	 (m)
44000111.11	ø11	11,5	≥10	300 M
44000113.11	ø13,5	14	≥12,4	300 M
44000116.11	ø16	16,3	≥14,1	300 M
44000123.11	ø23	23,3	≥21,1	150 M
44000129.11	ø29	29,2	≥26,8	30 M

The tolerances and measurements are according to DIN 49018







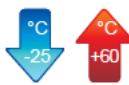



SPECIAL FLEXIBLE SPIRAL PIPE - AIR-CONDITIONING

The Flexible pipe SPIRFLEX®, is produced from specially stabilized S-PVC and is internally reinforces with spirals from U-PVC.



The classification code according to EN 61386 is 2341; corresponding in resistance to compression force of 320N, impact strength of >2Joule for installations at temperatures -25°C up to +60°C.

SPIRFLEX® is suitable for external electrical installations in household and industrial sites, since it assembles with the weatherproof boxes, switches and sockets IP 54, the Snap conduit supports and Omega clips.

SPIRFLEX® is the ideal solution for air-conditioning drainage. It is available in two colors: White and Light grey.

Resistance to compression	Resistance to impact	Temperature resistance
 320N/ 5cm	 -25°C +60°C	 -25°C +60°C
Colour	Self-extinguishing	Packaging
 LIGHT GREY WHITE		



Reference	61010010	61010010.10	61010012	61010014		 (m)
Type	Ø10 GREY	Ø10 WHITE	Ø12 GREY	Ø14 GREY	30 M	30 M
Reference	61010016	61010016.10	61010018	61010018.10		
Type	Ø16 GREY	Ø16 WHITE	Ø18 GREY	Ø18 WHITE	30 M	30 M
Reference	61010020	61010022	61010025	61010028		
Type	Ø20 GREY	Ø22 GREY	Ø25 GREY	Ø28 GREY	30 M	30 M
Reference	61010032	61010035	61010040	61010050		
Type	Ø32 GREY	Ø35 GREY	Ø40 GREY	Ø50 GREY	30 M	30 M

COFLEX[®] RESEALABLE SLIT TUBING

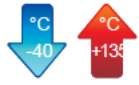



SPLITTING FLEXIBLE CORRUGATED CONDUIT PP




This special pipe consists of two pipes, overlapping each other capable of splitting to wrap the already connected wires or tubes. It easily closes again to offer protection and tidiness.

It is ideal to organize cables in outdoor facilities: solar panels, satellite TV as well as in alkaline environments: car engines, ships and indoors applications such as: medical devices, hospital beds, furniture, Hi-Fi units, etc.

COFLEX[®] PP is available in Black RAL 9005 made from specially UV resistant, Halogen free (HF), RoHS compliant stabilized thermoplastic resin that is self extinguishing UL 94:V2. It is suitable for installations in oxidized and alkaline environments. It withstands exposure to chemicals such as motor oil, household chemicals, and diesel products.

COFLEX[®] PP is capable to withstand temperature from -40°C up to +135°C.

Temperature resistance	Self-extinguishing
 Short term 150°C	
Colour	Packaging
 RAL 9005	

Reference	Type	Color	 (mm)	 (mm)		 (m)
66410010	NW 10	BLACK	13,4	8,4	50 M	50 M
66410020	NW 20	BLACK	25,3	19,2	50 M	50 M
66420020	NW 20	WHITE	25,3	19,2	50 M	50 M
66410023	NW 23	BLACK	30,8	23,4	50 M	50 M
66410037	NW 37	BLACK	41,4	31	50 M	50 M



SWITCH BOXES



COMPATIBLE WITH: COSMOTUBE®-COSMOFLEX® and PROFLEX®-FLEXODIN®

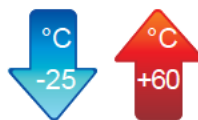
The flush switch boxes are produced from thermoplastic resins Halogen Free (HF), RoHS compliant according to the EU directive 2002/65/EU and according to the international standard EN 60670-1. Their distinctive color is Vibrant Blue to be easily identified when installed in the construction site.


The superior quality of the raw materials used ensures increased electromagnetic insulation for installation temperatures from -25°C up to +60°C. The extension for switch boxes, is used to regulate the distance between the plaster and the already installed flush box (just press it in place). The flush combined outlet switch boxes, can be assembled together, vertically or horizontal according to the specific requirements of the electrical installation. They are available in Black color RAL 9005, and are suitable for every type of socket or switch.

Field of Application

The flush switch boxes are ideal for use in brick walls, as they are compatible with all types of sockets and switches. The internal dents on the boxes are very intense to ensure that, the socket will remain in position regardless the removal force applied to the plug.

Temperature resistance



Reference	Type	Dimensions	Colour	Packaging	
47001003	Switch box Ø62	Ø62X35	Blue	100/400 Pieces	400X300X270
47001006	Combined outlet box alignable, with coupling system	Ø70X40	Black	100 Pieces	400X300X270
47001005	Extension for switch box Ø62	Ø62	Black	100 Pieces	400X300X270

JUNCTION BOXES

COMPATIBLE WITH: COSMOTUBE®-COSMOFLEX® and PROFLEX®-FLEXODIN®

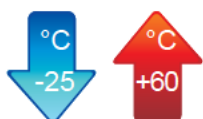
The flush junction boxes are produced from thermoplastic resins Halogen Free (HF), RoHS compliant according to the EU directive 2002/65/EU and according to the international standard EN 60670-1. Their distinctive color is Vibrant Blue for the base to be easily identified when installed in the construction site and White color for the lid.

The superior quality of the raw materials used in their production ensure high electromagnetic properties for installation temperatures from -25°C up to +60°C.

Field of Application

The flush junction boxes are ideal for use in brick walls. All lids are snap-fit to eliminate the use of screws and reduce the installation time. Additionally the sursided of the lid is grained and thus capable to be painted or plastered.

Temperature resistance



Reference	Type	Colour	Packaging	
47074075	Cap junction box 7,5×7,5cm	White	200 Pieces	400X300X270
47090100	Cap junction box 10×10cm	White	300 Pieces	400X300X270
47090150	Cap junction box 10×15cm	White	100 Pieces	400X300X270
47000011	Cap junction box Ø70	White	350 Pieces	400X300X270
47075075	Junction box 7,5×7,5cm	Blue/White	50 Pieces	400X300X270
47100100	Junction box 10×10cm	Blue/White	30 Pieces	400X300X270
47100150	Junction box 10×15cm	Blue/White	20 Pieces	400X300X270
47000012	Junction box Ø70	Blue/White	100 Pieces	400X300X270



SPOTLIGHT BOXES



COMPATIBLE WITH: COSMOTUBE®-COSMOFLEX® and PROFLEX®-FLEXODIN®

The flush switch boxes are produced from thermoplastic resins Halogen Free (HF), RoHS compliant according to the EU directive 2002/65/EU and according to the international standard EN 60670-1.

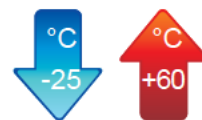
Their distinctive color is Black RAL 9005.

The superior quality of the raw materials used in their production ensure high electromagnetic properties for installation temperatures from -25°C up to +60°C.

Field of Application

The flush switch boxes are ideal for use in any type of electrical installation and especially within concrete. Their design provides ease of installation and safety during usage.

Temperature resistance



Reference	Type	Dimensions	Color	Packaging
47000013	Spotlight box	Ø94X126	Black	20/100 Pieces
47000014	Spotlight box	Ø74X108	Black	30/150 Pieces

PLASTERBOARD BOXES

COMPATIBLE WITH:
COSMOTUBE®-COSMOFLEX®
and PROFLEX®-FLEXODIN®

The plasterboard boxes are produced from thermoplastic resins Halogen Free (HF), RoHS compliant according to the EU directive 2002/65/EU and according to the international standard EN 60670-1.

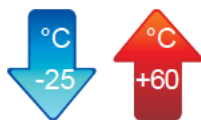
Their distinctive color is Orange.

The superior quality of the raw materials used in their production ensure high electromagnetic properties for installation temperatures from -25°C up to +60°C.

Field of Application

The flush plasterboard boxes are ideal for use in any type of electrical installation in cavity walls. Especially for plasterboards of thickness: from 7 up to 35mm. Their design provides ease of installation and safety during usage.

Temperature resistance



Reference	Type	Color	Packaging
60992002	Cavity wall boxes single	Blue	25/100 Pieces
60992010	Cavity wall boxes double	Blue	25/100 Pieces
60992011	Cavity wall boxes triple	Blue	25/100 Pieces
60992008	Cavity wall boxes 67x50	Blue	25/100 Pieces





WEATHERPROOF BOXES



IP65, IP54

A. Round Boxes B. Square Boxes


The weatherproof boxes are ideal for external electrical installation, where there is need for protection against rain and sunlight. They are produced from specially stabilized thermoplastic material, self extinguishing, heavy metals free (RoHS) and Halogen Free (HF) with excellent insulating properties.

Their color is Light Grey RAL 7035 to ensure the aesthetic homogeneity of the electrical installation system. The weatherproof boxes are available with precut holes, covered with elastic rings. By cutting, with a simple blade, any ring (according to the conduits diameter) a hole of the respective diameter is created to host the conduit, while maintaining the sealability of the system. The lids are either snap-fit or screwed on (with the screws already pre-fitted on the lid).

The weatherproof boxes fulfill all the requirements of the International Standards EN 60670 and have a seal-ability grade of IP 65/54. Their temperature of application is from -25°C up to +90°C. They are assembled with COSMOTUBE® and COSMOFLEX® into an ideal electrical installation system for external or internal applications with overall seal-ability grade IP65.

Colour	Self-extinguishing	Temperature resistance
 RAL 7035		



Reference	Type	IP	Packaging	
69010007	Round weatherproof boxes Ø65X35	54	250 Pieces	400X300X270
47810080	Round weatherproof boxes Ø80	65	50 Pieces	400X300X270
69010006	Square weatherproof boxes 65X65X40	54	200 Pieces	400X300X270
47818080	Square weatherproof boxes 80X80	65	50 Pieces	400X300X270
47811010	Square weatherproof boxes 100X100	65	24 Pieces	400X300X270
69010003	Square weatherproof boxes 120X80	54	50 Pieces	400X300X270
69010004	Square weatherprooftight boxes 150X110	54	24 Pieces	400X300X270



WEATHERPROOF SWITCHES & SOCKETS

IP54

A. External One gang 2way / Ref. 69032012

B. Single plug Schuko Type / Ref. 69032021

C. External Double Switch / Ref. 69032018

The weatherproof switches (AC 250V 16A), sockets and buttons are ideal for external electrical installations where protection against rain and the sunlight is needed. Likewise, they are suitable for indoor external installations. They are produced from specially stabilized thermoplastic material, self extinguishing, Halogen Free (HF) with excellent insulating properties.

The weatherproof switches & sockets are available with precut holes, covered with elastic rings. By cutting, with a simple blade, any ring (according to the conduits diameter) a hole of the respective diameter is created to host the conduit, while maintaining the seal-ability of the system.

The weatherproof boxes fulfill all the requirements of the International Standards EN 60669 and have a seal-ability grade of IP 54. Their temperature of application is from -15°C up to +90°C.

They are compatible with COSMOTUBE® and COSMOFLEX® into an ideal electrical installation system for external or internal applications.

Colour	Self-extinguishing	Temperature resistance
 RAL 7035		



Reference	Type	Dimensions (mm)	Packaging
69032012	Single External Switch One gang - Two way	65X77X50	10/100 Pieces
69032018	External Double Switch	65X77X50	10/100 Pieces
69032014	External push button	65X77X50	10/100 Pieces
69032021	Single plug socket Schuko Type	65X77X53	10/100 Pieces
69032022	Double plug socket Schuko Type	65X77X53	10/100 Pieces



ISO 9001:2008
ISO 14001:2004




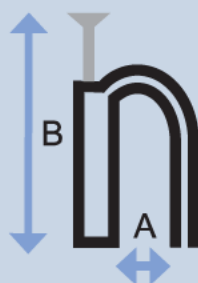
SUPPORT & PROTECTION ACCESSORIES



SUPPORT & PROTECTION ACCESSORIES ROUND CLIPS WITH PRE-FIT NAIL

ROUND CLIPS WITH ASSEMBLED NAIL

Reference	A	B	Packaging	
63170102	10	25	100/125/250 Pieces	11cmX8cmX4,5cm
63170103	10	35	100/125/250 Pieces	9cmX9cmX4,5cm
63170122	12	25	100/80/160 Pieces	10cmX10,5cmX4,5cm
63170123	12	35	100/80/160 Pieces	11cmX10,5cmX4,5cm
63170143	14	35	100/65/130 Pieces	13cmX10,5cmX4,5cm
63170163	16	35	50/45/90 Pieces	9,5cmX10,5cmX4,5cm
63170220	20	45	50/50/100 Pieces	14cmX10,5cmX4,5cm
63170222	22	45	50/30/60 Pieces	16cmX10,5cmX4,5cm
63170520	5	20	100/250/500 Pieces	7,5cmX6,7cmX2,6cm
63170625	6	25	100/200/400 Pieces	9cmX7cmX3cm
63170635	6	35	100/200/400 Pieces	9cmX7,5cmX4cm
63170725	7	25	100/200/400 Pieces	9cmX7cmX3cm
63170735	7	35	100/200/400 Pieces	9cmX7,5cmX4cm
63170825	8	25	100/150/300 Pieces	9cmX7,5cmX4cm
63170835	8	35	100/150/300 Pieces	9cmX7,5cmX4cm
63170925	9	25	100/125/250 Pieces	9cmX7,5cmX4cm
63170935	9	35	100/125/250 Pieces	11cmX8cmX4,5cm



The round clips are produced from specially stabilized thermoplastic material and hardened steel nail suitable for concrete.

They are ideal for fittings of wires in internal applications and also suitable for exterior use. Their temperature of application is from -20°C up to +80°C. Their distinctive color is White RAL 9003.

SUPPORT & PROTECTION ACCESSORIES

PUSH IN WIRE CONNECTORS

(A) PUSH IN WIRE CONNECTORS

Reference	Type	Packaging
69040003	Push In Wire Connectors 3X2,5mm	200/4000 Pieces
69040004	Push In Wire Connectors 4X2,5mm	150/3000 Pieces
69040005	Push In Wire Connectors 5X2,5mm	100/2000 Pieces

The push-in wire connectors are produced from thermoplastic material with internal metal contactor. Their field of application is to quickly connect two or more wires, while providing insulation externally and high internal conductivity. Their temperature of application is from -20°C up to +80°C. They can connect specific number and sizes of wires according to the table above.



TERMINAL PROTECTION CAPS

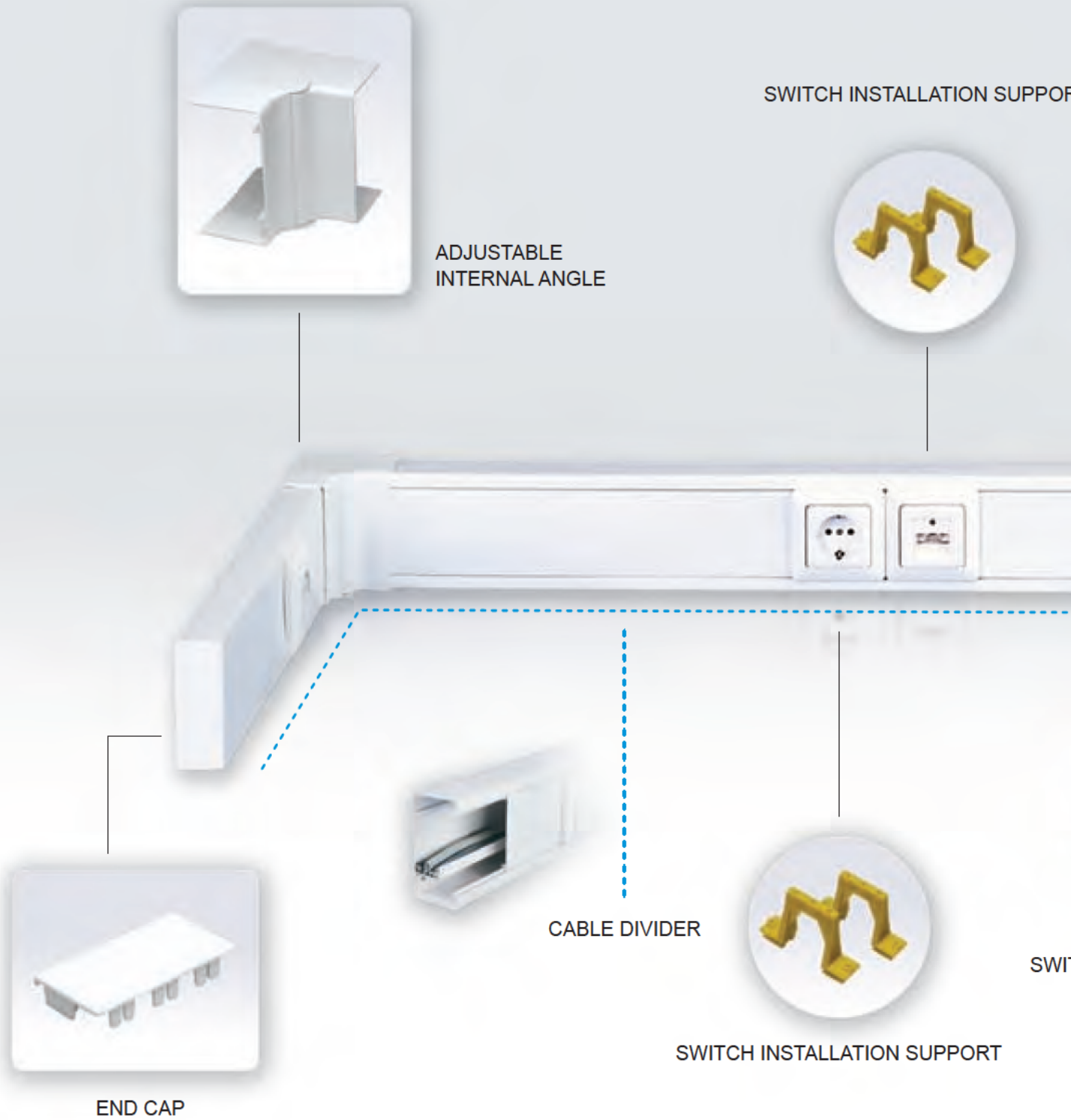
(B) TERMINAL PROTECTION CAPS

Reference	Type	Packaging
69050073	Terminal Protection Caps (1,5-2,5mm)	100/200 Pieces
69050074	Terminal Protection Caps (4mm)	100/120 Pieces
69050075	Terminal Protection Caps (6-10mm)	50/120 Pieces

The terminal protection caps are produced from thermoplastic material with internal metal contactor (spiral). Their field of application is to connect two or more wires (screw on), while providing insulation externally and high internal conductivity.

Their temperature of application is from -20°C up to +80°C. They can connect specific sizes of wires according to the table above. Their distinctive color is Black RAL 9005.





CABLE TRUNKING SYSTEMS

RT



ADJUSTABLE
EXTERNAL ANGLE



END CAP



SWITCH INSTALLATION SUPPORT



CABLE DIVIDER



SWITCH INSTALLATION
SUPPORT

CABLE TRUNKING WITH BASE 25mm



**Side box for BS
wiring accessories.**

For trunking 25X16

The cable trunking 25mm wide, are available in a variety of heights according to the table below. This type of trunking can be assembled with their full range of accessories into a complete Electrical Instaldeal for application on plasterboard, wood, brick walls and concrete. Their aesthetics allows them to be installed in offices, households and any type of public places. Their durable construction makes them ideal for installations in industrial and highly demanding environments. They are produced in White RAL 9003 from specially stabilized, self extinguishing U-PVC according to the international standard EN 50085-1, EN 50085-2-1 and are suitable for applications from -25°C up to +60°C.

The base of the trunking is predrilled with mounting holes. They are also available with double sided self-adhesive tape, of high gluing ability, resistant to ageing and Ultra Violet radiation.

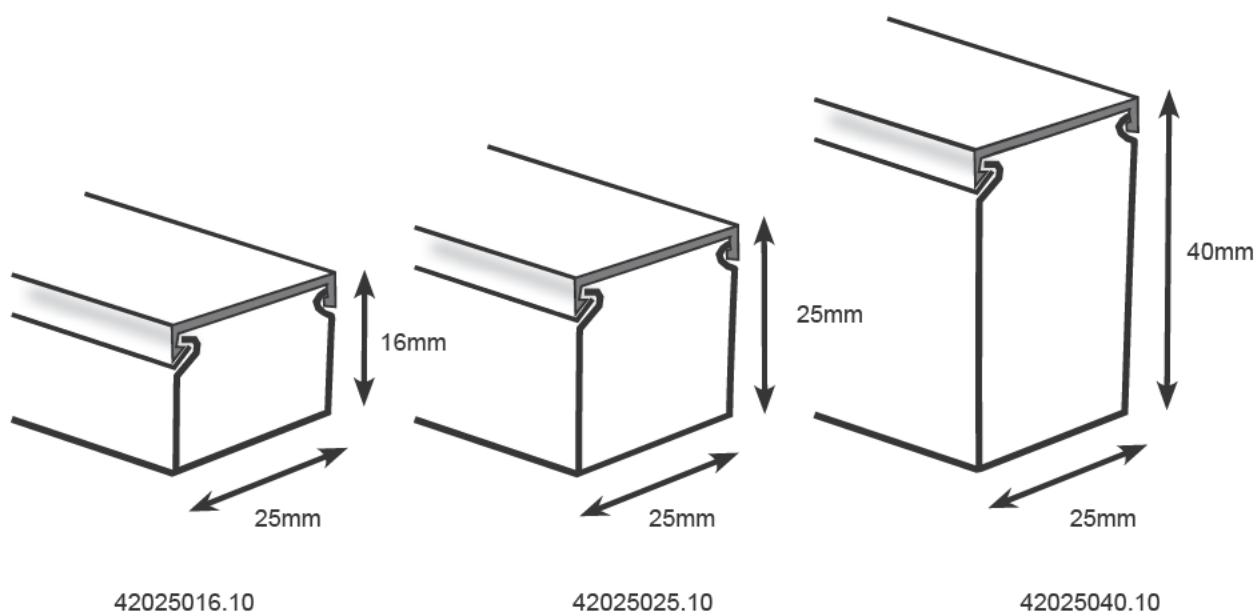
The covers of the trunking system are covered with scratch resistant protective foil.



CABLE TRUNKING WITH BASE 25mm

Reference	Description	Colour	Unit	Packaging
42025016.10	CABLE TRUNKING 25×16mm	WHITE	LINEAR METER	80 M
42025025.10	CABLE TRUNKING 25×25mm	WHITE	LINEAR METER	80 M
41025040.10	CABLE TRUNKING 25×40mm	WHITE	LINEAR METER	120 M

CABLE TRUNKING WITH BASE 25mm



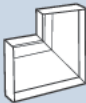





New: SIDE PLATE FOR CABLE TRUNKING 25x16 mm

Reference	Description	Colour	Packaging
47100060	1-gang side box British Standard	WHITE	20
47100061	2-gang side box British Standards	WHITE	20



ACCESSORIES (common for trunkings 25x25mm & 25x40mm)

						
DESCRIPTION	Adjustable External angle	Adjustable Internal angle	Flat angle	T-Section	Junction	End cap
REFERENCE	47200125	47200025	47240025	47005025	47003025	47001025
PACKAGING (Piece)	28	18	36	30	80	100

CABLE TRUNKING WITH BASE 40mm



The cable trunking 40mm wide, are available in a variety of heights according to the table below. This type of trunking can be assembled with their full range of accessories into a complete Electrical Installation Trunking System. They are ideal for application on plasterboard, wood, brick walls and concrete. Their aesthetics allows them to be installed in offices, households and any type of public places. Their durable construction makes them ideal for installations in industrial and highly demanding environments.

They are produced in White RAL 9003 from specially stabilized, self extinguishing U-PVC according to the international standard EN 50085-1, EN 50085-2-1 and are suitable for applications from -25°C up to +60°C.

The base of the trunking is predrilled with mounting holes. They are also available with double sided self-adhesive tape, of high gluing ability, resistant to ageing and Ultra Violet radiation.

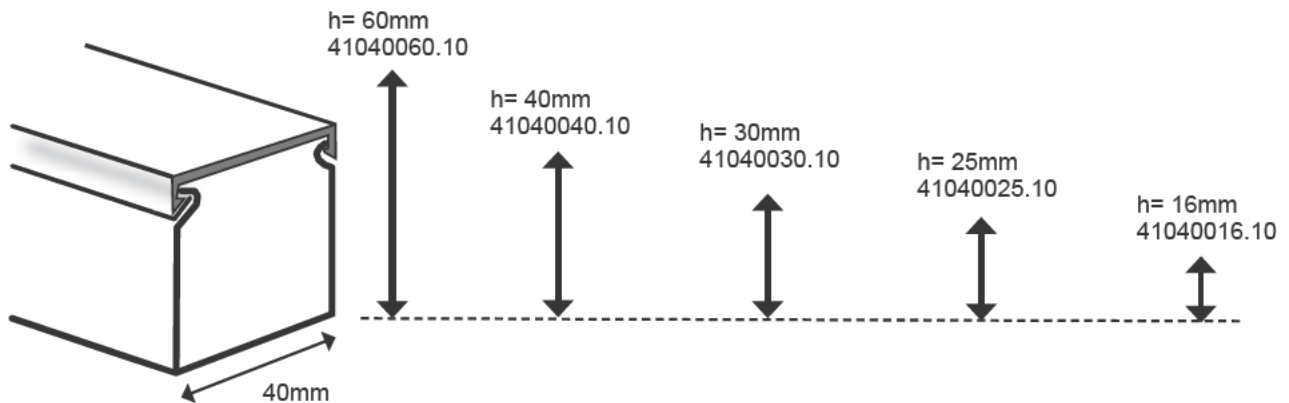
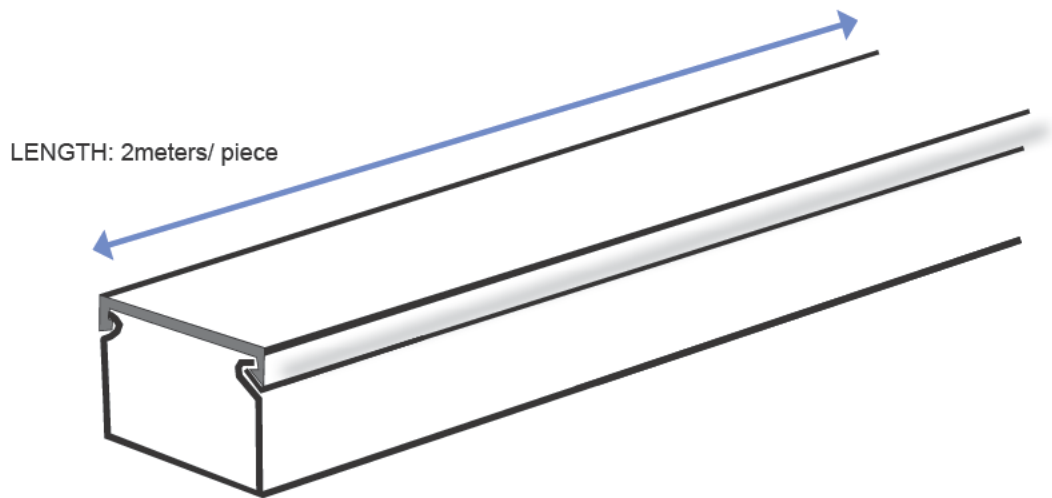
The covers of the trunking system are covered with scratch resistant protective foil.





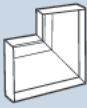
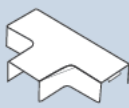

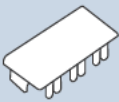
CABLE TRUNKING WITH BASE 40mm

Reference	Description	Colour	Unit	Packaging
42040016.10	CABLE TRUNKING 40×16mm	WHITE	LINEAR METER	68 M
41040025.10	CABLE TRUNKING 40×25mm	WHITE	LINEAR METER	52 M
42040030.10	CABLE TRUNKING 40×30mm	WHITE	LINEAR METER	84 M
42140040.10	CABLE TRUNKING 40×40mm	WHITE	LINEAR METER	68 M
41040060.10	CABLE TRUNKING 40×60mm	WHITE	LINEAR METER	48 M

CABLE TRUNKING WITH BASE 40mm



ACCESSORIES (common for trunking 40x25mm, 40x40mm & 40x60mm)

						
DESCRIPTION	Adjustable External angle	Adjustable Internal angle	Flat angle	T-Section	Junction	End cap
REFERENCE	47200140	47200040	47240040	47005040	47003040	47001040
PACKAGING (Piece)	18	14	16	16	50	68

CABLE - DATA TRUNKING

100x50 mm - Universal



For EN & BS wiring devices



The cable-data trunking 100x50mm can be assembled with their full range of accessories into a complete Electrical - Data Installation. The cable divider profile can be assembled internally into the trunking to completely eliminate any electromagnetic interference.


By assembling the switch installation plates and boxes, all types of switches and sockets, **European and British Standards**, can be quickly and securely mounted onto the trunking system.

Their aesthetics allows them to be installed in offices, households and any type of public place

They are produced in White RAL 9003 from specially stabilized, self extinguishing U-PVC according to the International standard EN 50085-1, EN 50085-2-1 and are suitable for applications from -25oC up to +60°C.

The cover and top side of the trunking system is covered with scratch resistant protective foil.

Cable trunking 100x50mm - Universal

Reference	Description	Color	
42100050.10	Trunking 100x50 mm	White	80 M
47100052	Cable support	White	120

CABLE - DATA TRUNKING

100x50 mm - Universal



Plates & Boxes EN & BS Wiring Devices

100x50 mm - Universal Plate European Standards









Reference	Description	Color	
47100056	Switch and Socket plate European Standards	White	10

100x50 mm - Universal Boxes & Plates British Standards



Description	Socket Box 1-gang closed	Socket Box 2-gang closed	Socket Plate 1-gang open	Socket Plate 2-gang open
Reference	47100050	47100057	47100053	47100054
Color	White	White	White	White
Packaging	20	10	20	10

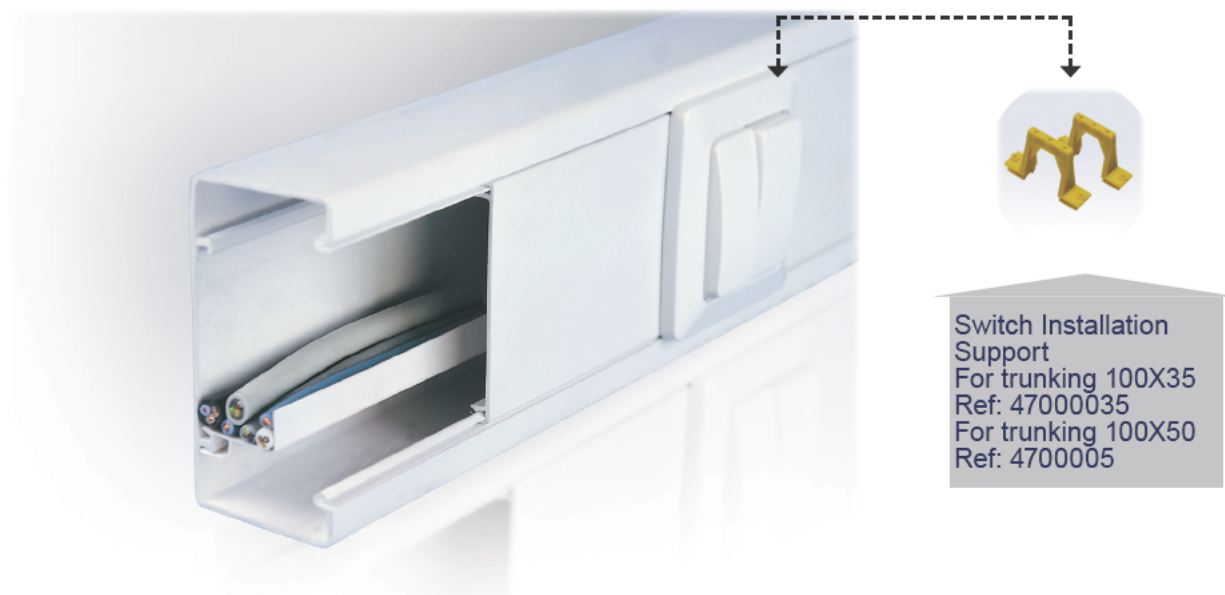
Accessories for trunking 100x50 mm - Universal

						
Description	External angle	Internal angle	Flat angle	T section	Cable Divider	End cap
Reference	47150036	47150035	47250035	47001535	41000000	47250235
Packaging	6	6	12	8	68m	6

CABLE - DATA TRUNKING

Base 100 mm - Modular

For Modular Wiring Devices.



The cable-data trunkings base 100 mm can be assembled with their full range of accessories into a complete Electrical - Data Installation. The cable divider profile can be assembled internally into the trunking to completely eliminate any electromagnetic interference.


Trunking systems 100X50 and 100X35 are ideal for modular wiring devices.

The bracket fixation system allows the easy and stable setting of modular wiring devices of any number of modules and of any brand. Their aesthetics allows them to be installed in offices households and any type of public places.

They are produced in White RAL 9003 from specially stabilized, self extinguishing U-PVC according to the International standard EN 50085-1, EN 50085-2-1 and are suitable for applications from -25°C up to +60°C.

The cover and top side of the trunking system is covered with scratch resistant protective foil.

Cable trunking base 100 - Modular

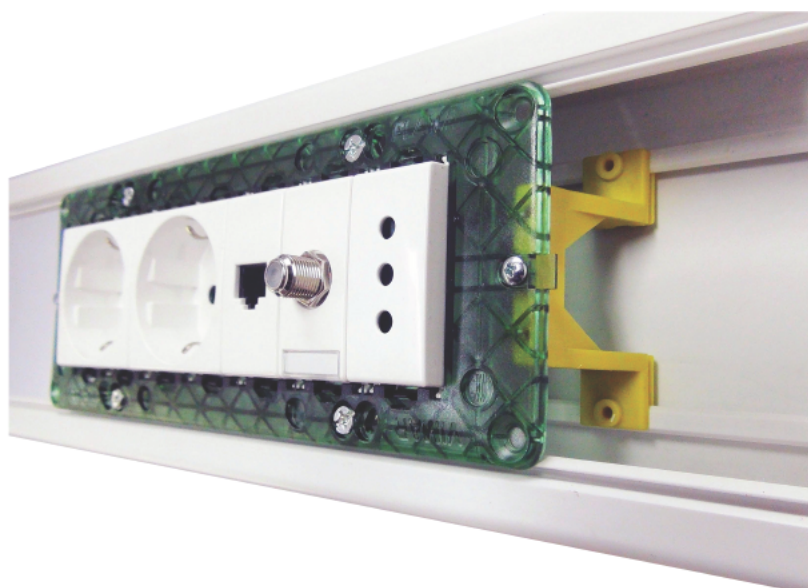
Reference	Description	Color	
41100035.10	Trunking 100x35 mm	White	32m
47000035	Switch support 35mm		80
41100050.10	Trunking 100x50 mm	White	24m
47000050	Switch support 50mm		60

CABLE - DATA TRUNKING







Base 100 mm - Modular



For Modular Wiring Devices.



Accessories for trunking 100x50mm & 100x35mm Modular

						
Description	External angle	Internal angle	Flat angle	T section	Cable Divider	End cap
Reference	47150136	47150135	47250135	47002535	41000000	47250335
Packaging	6	6	12	8	68m	25

CABLE - DATA TRUNKING WITH BASE 100X50-45mm



Direct installation of modular wiring outlets 45X45mm without any additional accessory

The cable-data trunking 100x50-45mm, can be assembled with their full range of accessories into a complete Electrical Installation Data Trunking System. The cable divider profile can be assembled internally into the trunking to completely eliminate any electro-magnetic interference.

Their innovative design, allows for the 45mm switches and sockets to be installed without any accessories just ...snap-fit.

Their aesthetics allows them to be installed in offices, households and any type of public places. Their durable construction makes them ideal for installations in industrial and highly demanding environments.

They are produced in White RAL 9003 from specially stabilized, self extinguishing U-PVC according to the international standard EN 50085-1, EN 50085-2-1 and are suitable for applications from -25°C up to +60°C.

The cover and top side of the trunking system is covered with scratch resistant protective foil.

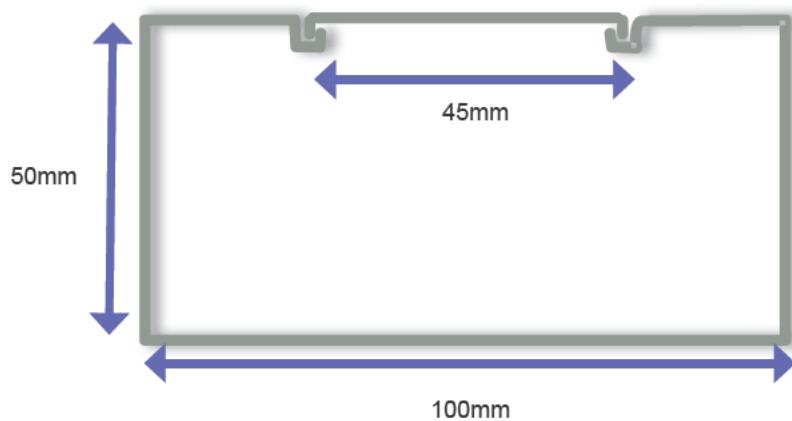
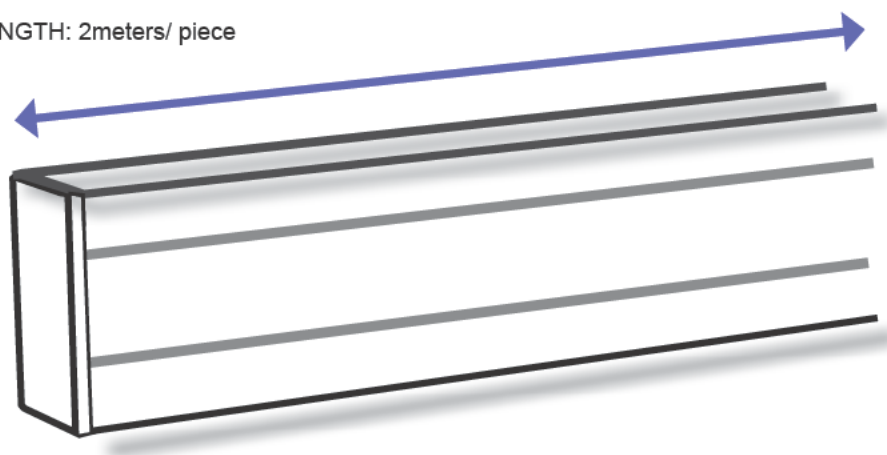


[CABLE TRUNKING WITH BASE 100X50-45mm](#)

Reference	Description	Colour	Unit	Packaging
41100545.10	CABLE TRUNKING 100×50-45mm	WHITE	LINEAR METER	20 M

CABLE - DATA TRUNKING WITH BASE 100X50-45mm

LENGTH: 2meters/ piece



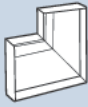

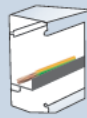
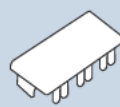


Support & Security for
switchgears

Reference: 47100545



ACCESSORIES 100X50-45mm

						
DESCRIPTION	Adjustable External angle	Adjustable Internal angle	Flat angle	T-Section	Cable Divider	End cap
REFERENCE	47150546	47150545	47250045	47001545	41000000	47250235
PACKAGING (Piece)	6	6	12	8	68 M	25

CABLE TRUNKING 100X60mm & 120X60mm



The cable-data trunking are produced in White RAL 9003 from specially stabilized, self extinguishing U-PVC according to the international standard EN 50085-1, EN 50085-2-1 and are suitable for applications from -25°C up to +60°C.

A wide range of accessories is available for this type of complete Electrical Installation Trunking System.

They are suitable for application in offices, households and any type of public places. Their durable construction makes them ideal for installations in industrial and highly demanding environments.

The cover and top side of the trunking system is covered with scratch resistant protective foil.



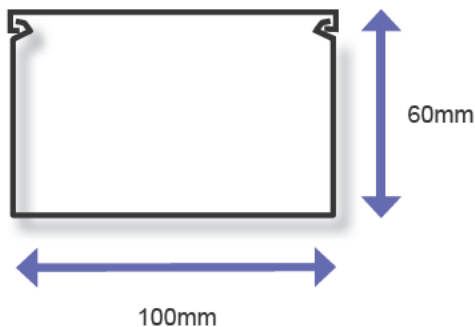
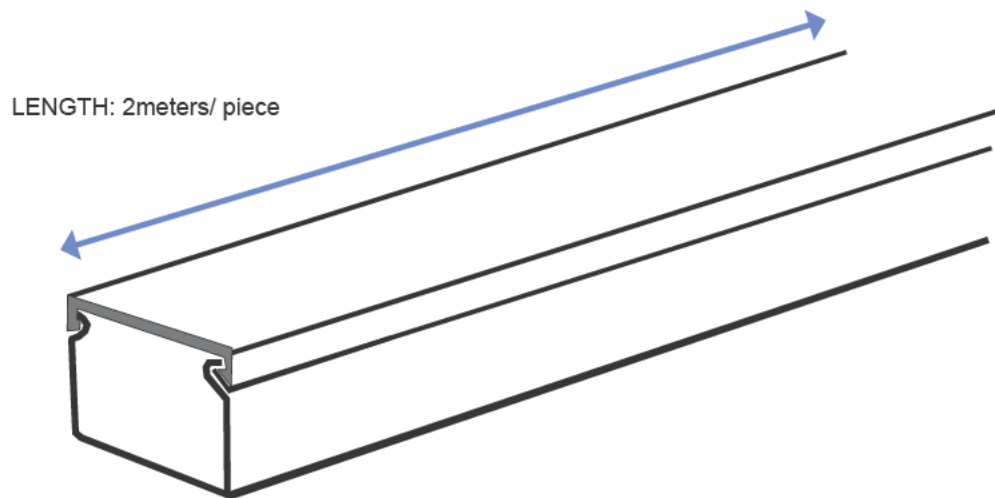
[CABLE TRUNKING WITH BASE 100X60mm](#)

Reference	Description	Colour	Unit	Packaging
41100060.10	CABLE TRUNKING 100×60mm	WHITE	LINEAR METER	20 M

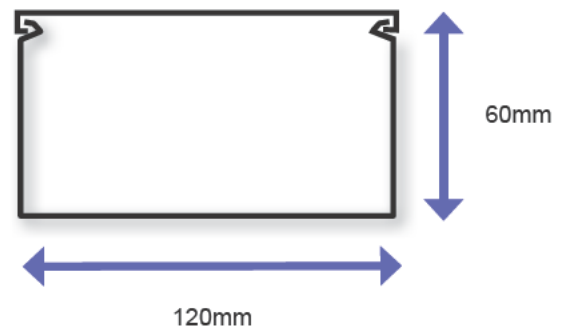
[CABLE TRUNKING WITH BASE 120X60mm](#)

Reference	Description	Colour	Unit	Packaging
41120060.10	CABLE TRUNKING 120×60mm	WHITE	LINEAR METER	16 M

CABLE TRUNKING 100X60mm & 120X60mm



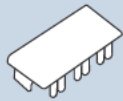


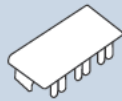


100mm
41100060.10



120mm
41120060.10



	ACCESSORIES 100X60mm			ACCESSORIES 120X60mm		
						
DESCRIPTION	Adjustable External angle	Adjustable Internal angle	End cap	Adjustable External angle	Adjustable Internal angle	End cap
REFERENCE	47164100	47100000	47001100	47164100	47100000	47001100
PACKAGING (Piece)	4	4	14	4	4	14

MULTICOMPARTMENT DUCTS



The base of the ducts is scientifically divided into independent compartments to ensure the absence of any electromagnetic interference between current and data cables.

The multi-compartment ducts are produced in White RAL 9003 from specially stabilized, self extinguishing U-PVC according to the International Standard EN 50085-1, EN 50085-2-1 and are suitable for applications from -25°C up to +60°C.

The base of the trunking is equipped with double sided self-adhesive tape, of high gluing ability, resistant to ageing and Ultra Violet radiation. The cover of the multi-compartment ducts is covered with scratch resistant protective foil.



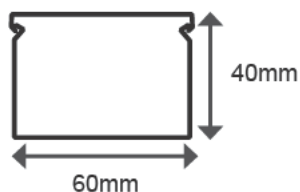
MULTICOMPARTMENT DUCTS

Reference	Description	Colour	Unit	Packaging
41075020.10	THREE COMPARTMENTS 75X20mm	WHITE	LINEAR METER	48 M
41050017.10	THREE COMPARTMENTS 50X17mm	WHITE	LINEAR METER	100 M
41232013.10	TWO COMPARTMENTS 32X13mm	WHITE	LINEAR METER	100 M

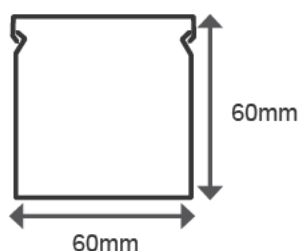
SKIRTING DUCTS

Reference	Description	Colour	Unit	Packaging
41070020.10	THREE COMPARTMENTS 70X20mm	WHITE	LINEAR METER	60 M

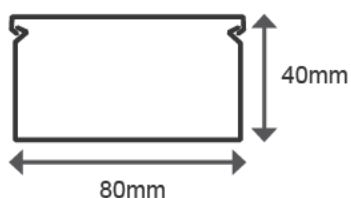
CABLE DUCTS BASE 60/80mm



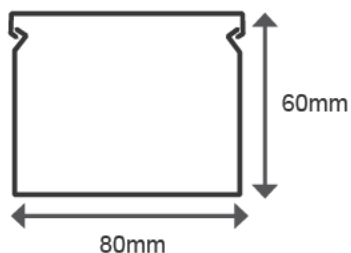
Reference	Description	Colour	Packaging
41060040.10	Cable duct 60X40mm	WHITE	44 M (2X22)



Reference	Description	Colour	Packaging
41060060.10	Cable duct 60X60mm	WHITE	32 M (2X16)



Reference	Description	Colour	Packaging
41080040.10	Cable duct 80X40mm	WHITE	32 M (2X16)



Reference	Description	Colour	Packaging
41080060.10	Cable duct 80X60mm	WHITE	24 M (2X12)



SELF ADHESIVE COILED MINI-DUCTS

Reference	Description	Colour	Unit	Packaging
42015015.10	15×15mm	WHITE	METER	20 M

SELF ADHESIVE "SMART" MINI-DUCTS

Reference	Description	Colour	Unit	Packaging
42000020.10	Ø20mm	WHITE	METER	50 M

CABLE DUCTS



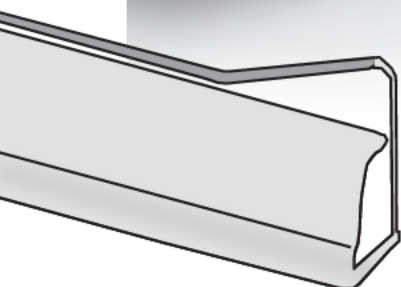
A) Mini ducts.
Coiled mini duct for ease of transport.
“ZIP” ducts.

B) Floor cable trunk

C) Multicompartment ducts with incorporated dividers for the segregation of power and data cables.

D) Slotted cable ducts for electrical panels

SELF ADHESIVE MINI-DUCTS



Self Adhesive
“Zip” Mini-ducts

These types of ducts are specifically designed for installation in offices, households and any type of public places. They are available in many colors and shapes, wood effect, silver, flexible trunking, coiled trunking, etc. The mini ducts are ideal to blend into their environment and thus being difficult to be seen while protecting the cables inside them. The base of the ducts has a double sided self-adhesive tape, of high gluing ability, resistant to ageing and Ultra Violet radiation, for applications on plaster-board, wood, brick walls and concrete.

New: SIDE PLATE FOR CABLE TRUNKING 26x16 mm

Reference	Description	Colour	Packaging
47100060	1-gang side box British Standard	WHITE	20
47100061	2-gangs side box British Standards	WHITE	20



SELF ADHESIVE MINI-DUCTS

Reference	Description	Colour	Unit	Packaging
42012015.10	12x15mm	WHITE	METER	100 M
42016016.10	16x16mm	WHITE	METER	100 M
42020013.10	20x13mm	WHITE	METER	100 M
42320013	20x13mm	WOOD	METER	50 M
42420013.30	20x13mm	SILVER	METER	50 M
42225016.10	25x16 mm	WHITE	METER	80 M
42225025.10	25x25mm	WHITE	METER	72 M
42325025	25x25mm	WOOD	METER	30 M

SELF ADHESIVE “ZIP” MINI-DUCTS

Reference	Description	Colour	Unit	Packaging
42010010.10	10x10mm	WHITE	METER	100 M
42010010.40	10x10mm	BROWN	METER	100 M

SELF ADHESIVE COILED MINI-DUCT

Reference	Description	Colour	Unit	Packaging
42015015.10	15x15mm	WHITE	METER	20 M

FLOOR CABLE TRUNK



New: Floor trunking, wood imitation



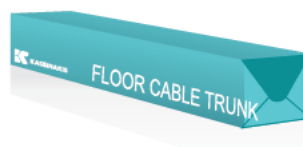
Also available with self adhesive tape

The trunking of this type have a very small overall height and a curved cover to ease the passage of people or light trolleys. Their base is specifically divided into independent compartments to ensure the absence of any electromagnetic interference between current and data cables.

The floor cable trunks are produced from specially stabilized, self extinguishing U-PVC according to the International Standards EN 50085-1, EN 50085-2-1 and are suitable for applications from -25°C up to +60°C.

The base of the ducts has a double sided self-adhesive tape, of high gluing ability, resistant to ageing and Ultra Violet radiation, for applications on wood, laminated floors, and concrete.

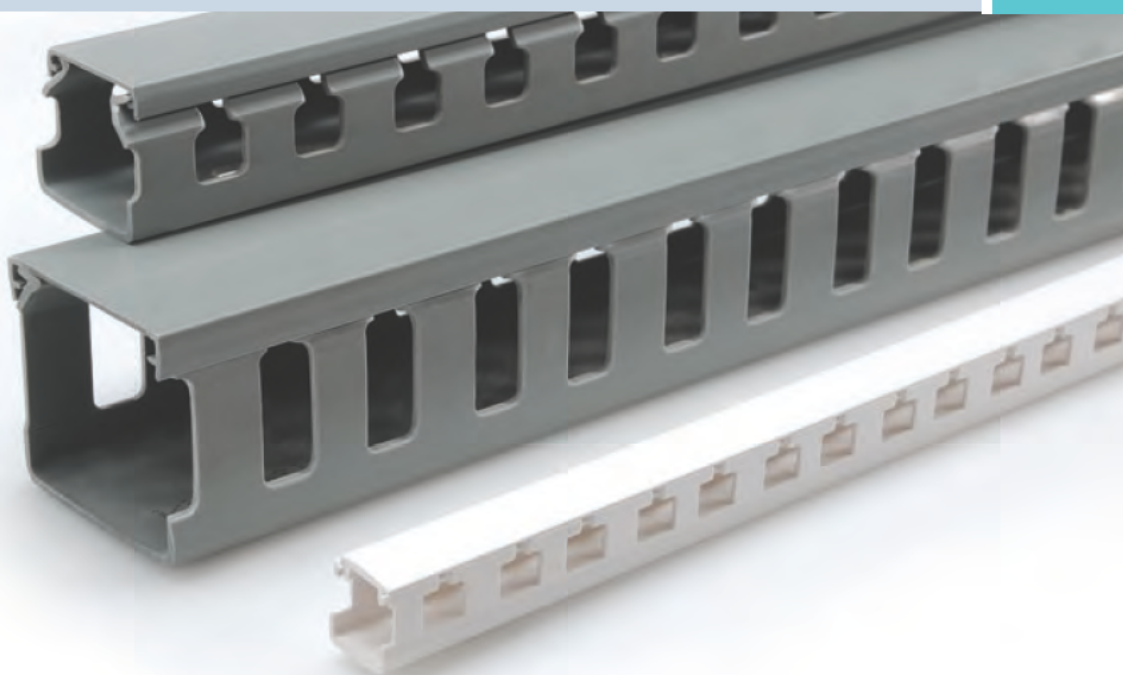
They are available in White RAL 9003 or Grey RAL 7042.



FLOOR CABLE TRUNK

Reference	L X H	Colour	Unit	Packaging
41050013.10	50X13mm	WHITE	LINEAR METER	30
41075018.10	75X18mm	WHITE	LINEAR METER	30
41050013.30	50X13mm	GREY	LINEAR METER	30
41075018.30	75X18mm	GREY	LINEAR METER	30
41450013	50X13mm	WOOD	LINEAR METER	30

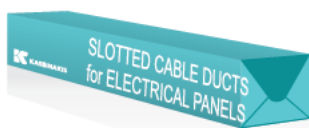
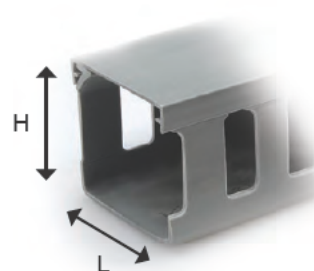
SLOTTED CABLE DUCTS FOR ELECTRICAL PANELS



The slotted cable ducts are produced from specially stabilized, self extinguishing U-PVC according to the international standard EN 50085-1, EN 50085-2-1 and are suitable for applications from -25°C up to +60°C. The improved designed of the side slots; eliminate any possible damage to the wires.

The base of the slotted cable ducts is predrilled with mounting holes.

Our wide range of dimensions ensures that you shall find the “best fit” for your application; please request the SLOTTED CABLE DUCTS catalogue.



SLOTTED CABLE DUCTS FOR ELECTRICAL PANELS

Reference	L X H	Colour	Unit	Packaging
41312015.30	12X15mm	GREY	LINEAR METER	100
41325025.30	25X25mm	GREY	LINEAR METER	80
41325040.30	25X40mm	GREY	LINEAR METER	120
41340040.30	40X40mm	GREY	LINEAR METER	68
41340060.30	40X60mm	GREY	LINEAR METER	48
41360060.30	60X60mm	GREY	LINEAR METER	32

STANDARDS

STANDARDS AND APPLICABLE DIRECTIVES

The conduit systems, the cable trunking systems and also all boxes and accessories manufactured by P.E. KASINAKIS SA, follow the strictest European and International standards of quality and the environment.

The continuous real-time quality control performed during the manufacturing process by the Quality Control Department and the certification of our products from independant testing centers ensure that the products which will reach the end user will be of the highest quality. Applicable European Directives. 2006/95/EC Low Voltage Directive 89/106/EEC Construction Product Directive RoHS 2002/95/EK Restriction of use of certain Hazardous Substances.

STANDARDS

- EN 50085 (Cable Trunking Systems)
- EN 61386.21 (Rigid Electrical Conduit Systems)
- EN 61386.22 (Pliable Electrical Conduit Systems)
- EN 60670-1 (Mounting Boxes) Specifies the requirements of internal or external Electrical Installations within nominal voltage <1000V AC & 1500V DC.
- EN 60529 (IP protection rating)

The protection rating acronym IP, followed by two numbers, i.e. IP 65, indicates the resistance of the product against external effects. The first digit indicates the resistance against penetration of solid particles and the second resistance against penetration of liquids.

International standard EN 60529 (sealing ability, IP)

The sealing ability of a product is described by the abbreviation (IP), which is followed by two digits that state the protection achieved. The first digit refers to solid particles (Resistance against penetration of solid particles) while, the second digit refers to water tightness. (Resistance against penetration of liquid particles).

RESISTANCE AGAINST PENETRATION OF SOLID PARTICLES

- IP1 Protection against particles $\phi > 50\text{mm}$
- IP2 Protection against particles $\phi > 12\text{mm}$
- IP3 Protection against particles $\phi > 2.5\text{mm}$
- IP4 Protection against particles $\phi > 1,0\text{mm}$
- IP5 Protection against visible dust
- IP6 Dust-tight

RESISTANCE AGAINST PENETRATION OF LIQUID PARTICLES

- IPX1 Water drops Falling vertically
- IPX2 Water spray vertically and under inclination $<15^\circ$
- IPX3 Water spray (vertical) 600
- IPX4 Water splashing (all directions)
- IPX5 Low pressure Water jets (all directions)
- IPX6 High pressure Water jets (all directions)
- IPX7 Temporarily immersion into water

CLASSIFICATION CODE

The classification of the plastic conduits (pipes) is performed according to the international standard EN 61386 and following specific evaluation and testing performed by authorised laboratories.

The classification code consists of 12 digits that correspond to the following categories:

Class	1	2	3	4	5	6	7	8	9	10	11	12
Description	Compression resistance (scale 1 to 5)	Impact resistance (scale 1 to 5)	Minimum application Temperature (scale 1 to 5)	Maximum application Temperature (scale 1 to 7)	Bending resistance (scale 1 to 4)	Electric properties (scale 0 to 3)	Resistance against penetration of solid particles (scale 3 to 6)	Resistance against penetration of liquid particles (scale 0 to 7)	Resistance against corrosion metallic and composite pipes (scale 1 to 4)	Tensile Strength (scale 0 to 5)	Flame propagation Resistance (scale 1 to 2)	Suspended load capacity (scale 0 to 5)

Digit: 1

Compression resistance (scale 1 to 5)		
Class	Description	Compression Strength (N)
1	Very Light	125
2	Light	320
3	Medium	750
4	Heavy	1250
5	Very Heavy	4000

Digit: 2

Impact resistance (scale 1 to 5)				
Class	Description	Mass of Hammer (kg)	Height of Fall (mm)	Force of Mass (Joule)
1	Very Light	0,1	100	0,5
2	Light	1	100	1
3	Medium	2	100	2
4	Heavy	2	300	6
5	Very Heavy	6,8	300	20,4

Digit: 3

Minimum application Temperature (scale 1 to 5)

Class	Temperature (°C)
1	+5
2	-5
3	-15
4	-25
5	-45

Digit: 5

Bending resistance (scale 1 to 4)

Class	Properties
1	Rigid
2	Pliable
3	Pliable/ Self-recovering
4	Flexible

Digit: 7

Resistance against penetration of solid particles (scale 3 to 6)

Class	Properties
3	Protection against particles $\varnothing > 2.5\text{mm}$
4	Protection against particles $\varnothing > 1.0\text{mm}$
5	Protection against visible dust
6	Dust-tight

Digit: 9

Resistance against corrosion metallic and composite pipes (scale 1 to 4)

Class	Protection
1	Low in and out
2	Medium in and out
3	Medium in, High out
4	High in and out

Digit: 11

Flame propagation resistance (scale 1 to 2)

Class	Description
1	Non flame propagating
2	Flame propagating

Digit: 4

Maximum application Temperature (scale 1 to 7)

Class	Temperature (°C)
1	+60
2	+90
3	+105
4	+120
5	+150
6	+250
7	+400

Digit: 6

Electric properties (scale 0 to 3)

Class	Properties
0	None declared
1	Electrical continuity characteristics
2	Electrical insulating characteristics
3	Electrical continuity and Electrical insulating characteristics

Digit: 8

Resistance against penetration of liquid particles (scale 0 to 7)

Class	Description
0	None
1	Water drops falling vertically
2	Water spray vertically and under inclination $<15^\circ$
3	Water spray (vertical)
4	Water splashing (all directions)
5	Low pressure water jets (all directions)
6	High pressure water jets (all directions)
7	Temporarily immersion into water

Digit: 10

Tensile Strength (scale 0 to 5)

Class	Description
0	None
1	Very Low
2	Low
3	Medium
4	High
5	Very High

Digit: 12

Suspended load capacity (scale 0 to 5)

Class	Description
0	None
1	Very Light
2	Light
3	Medium
4	Heavy
5	Very Heavy

CONDUIT SYSTEMS

Selection According to the requirements of the application

Type of Conduit	Name	Under plaster	Hollow floors, ceiling, plasterboard etc.	Prefabricated buildings, in areas with light compression	Within concrete	Under-ground	External applications, concrete boards, gardens, etc.	Industrial use, Photovoltaic park	Harsh enviroment, Alkaline, Acidic, etc.
LIGHT	EASYFLEX EASYTUBE COSMOTUBE LIGHT COSMOFLEX LIGHT	✓	✓	✓					
MEDIUM	PROFLEX FLEXODIN COSMOTUBE MEDIUM COSMOFLEX MEDIUM				✓	✓	✓	✓	
HEAVY	COSMOTUBE HEAVY COSMOFLEX HEAVY				✓	✓	✓	✓	✓

APPLICATIONS



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