

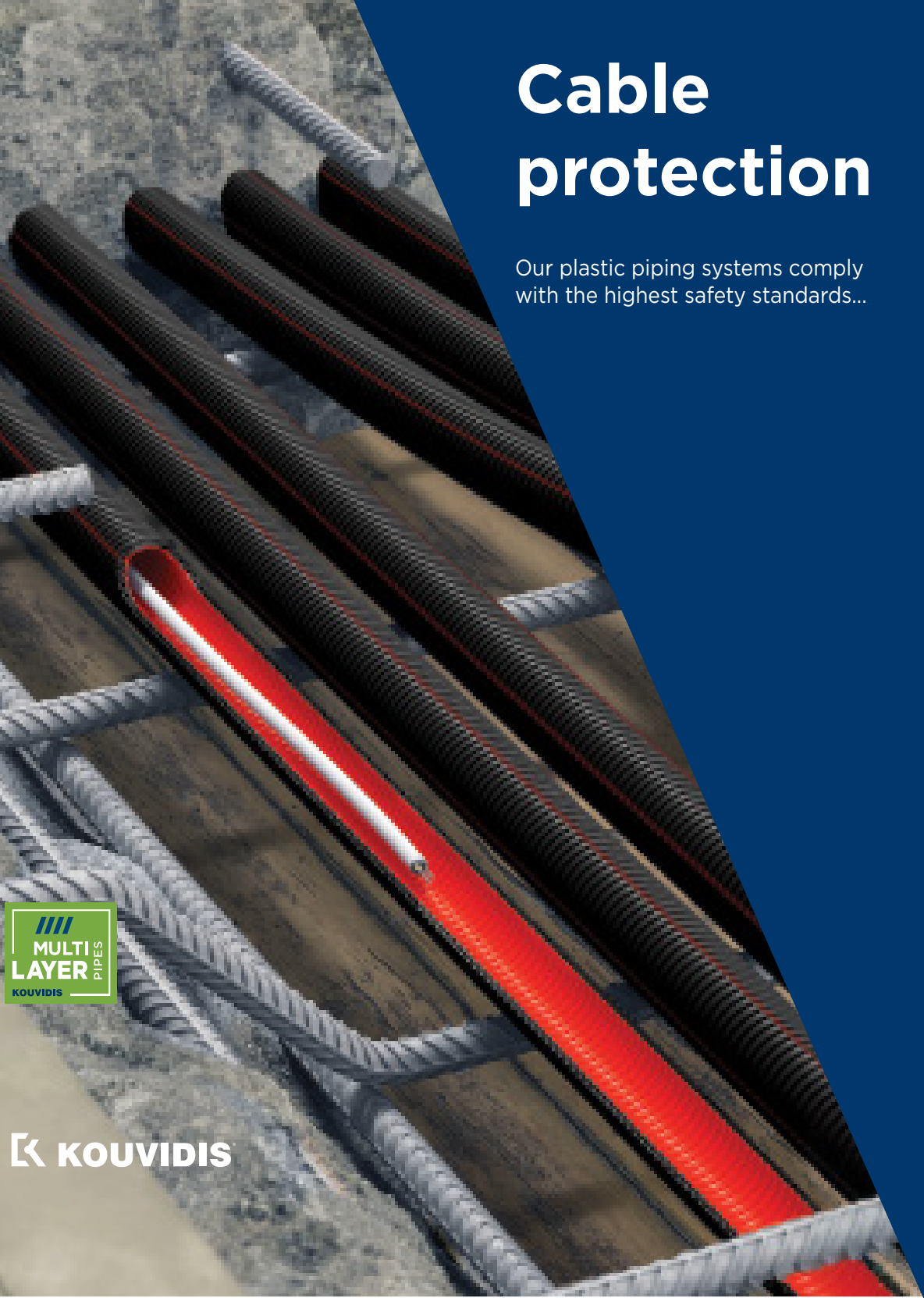
Advanced plastic piping systems

CY

2025

Cable protection

Our plastic piping systems comply with the highest safety standards...



...and incorporate advanced innovations

Drainage systems

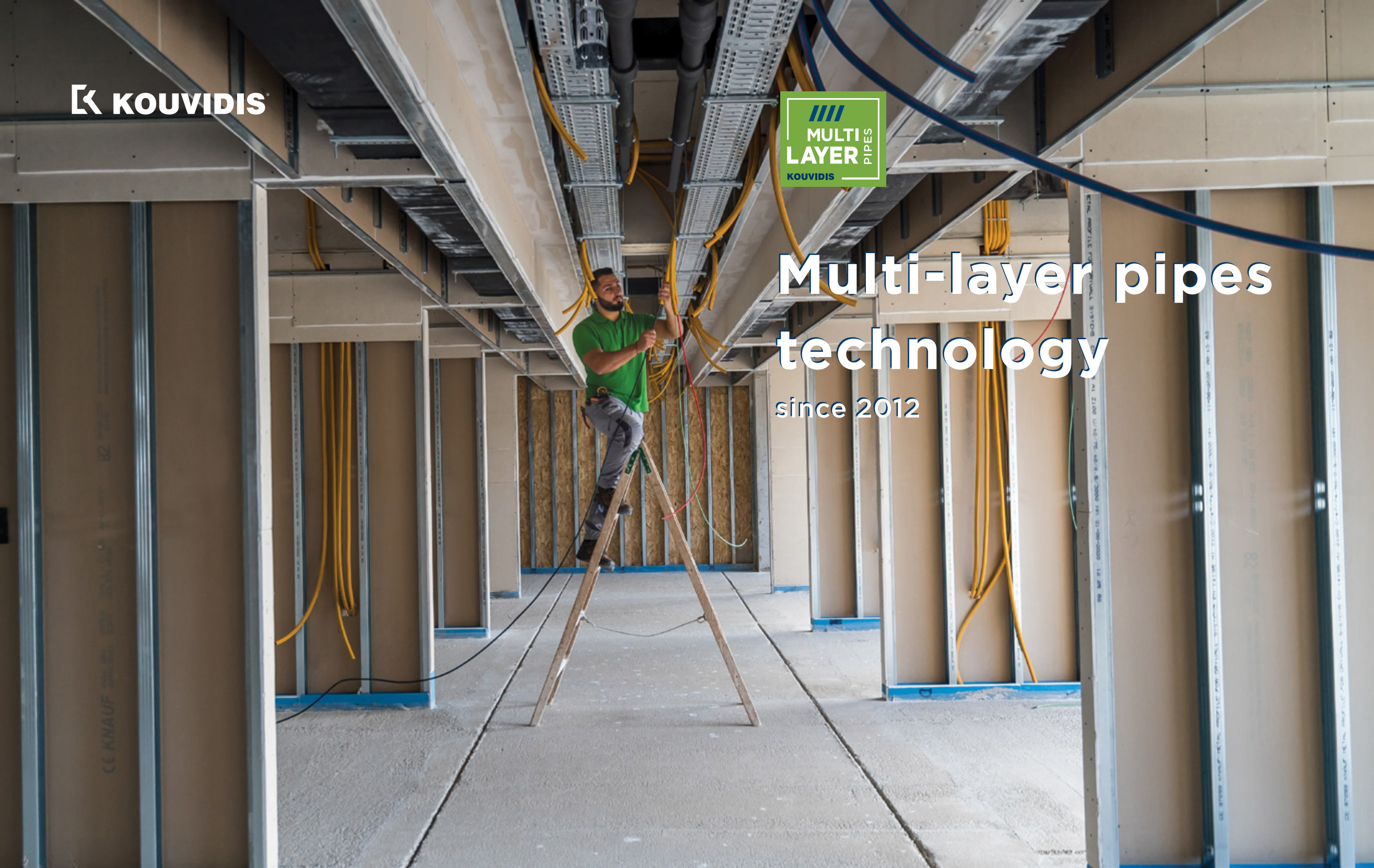


 **KOUVIDIS**


**MULTI
LAYER** PIPES
KOUVIDIS

Multi-layer pipes technology

since 2012



CABLE PROTECTION

DRAINAGE SYSTEMS

	Heavy type				Medium type								Light type				Underground network				DRAINAGE SYSTEMS							
	CONDUR®	CONFLEX®	CONDUR® HF	CONFLEX® HF	DUROSOL® PLUS	DUROFLEX® PLUS	MEDISOL® PLUS	MEDIFLEX® PLUS	MEDISOL® AM	MEDIFLEX® AM	MEDISOL®	MEDIFLEX®	SUPERSOL® PLUS	SUPERFLEX® PLUS	SILCOR®	SIFLEX®	GEONFLEX®	GEONFLEX® bar	GEOSUB®	GEOSUB® bar	GEODRAIN® bar	GEODRAIN®	GEODRAIN® PLUS bar	GEODRAIN® PLUS	GEOSAN® (acc. to EN 13476-3)	HYDROFLEX®		
CLASSIFICATION	44411	44412	44441	44442	33431	33332	33431	33332	33411	33412	33411	33412	23431	23332	23411	22412	N750	N750	N450	N450	SN4/SN8	SN4	SN4/SN8	SN4	SN4/SN8	-		
TECHNOLOGIES																												
Halogen free	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	✓	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Low smoke	-	-	-	-	-	✓	✓	✓	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	✓	
Low acidity	-	-	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	
Antimicrobial	-	-	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Anti - electromagnetic	-	-	-	-	-	-	✓	✓	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	-	-	-	-	
Low friction	-	-	-	-	✓	✓	✓	✓	-	-	-	-	✓	✓	-	-	✓	✓	-	-	-	-	-	-	-	-	-	
UV Stability	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Anti-Rodent	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	-	-	✓	✓	-	-	-	-	-	-	-	-	-	
Color marking	-	-	-	-	✓	✓	-	-	-	-	-	-	✓	✓	-	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	-	
Material	U-PVC	U-PVC	PC Blend	PC Blend	PO Blend	PO Blend	PO Blend	PO Blend	U-PVC	U-PVC	U-PVC	U-PVC	PO Blend	PO Blend	U-PVC	U-PVC	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	
Compression strength	>1250Nt	>1250Nt	>1250Nt	>1250Nt	>750Nt	>750Nt	>750Nt	>750Nt	>750Nt	>750Nt	>750Nt	>750Nt	>320Nt	>320Nt	>320Nt	>320Nt	Tipo 750	Tipo 750	Tipo 450	Tipo 450	SN4/SN8	SN4	SN4/SN8	SN4	SN4/SN8.RF30	>160Nt		
Impact strength	6J	6J	6J	6J	2J	2J	2J	2J	2J	2J	2J	2J	2J	2J	2J	1J	Normal	Normal	Normal	Normal	-	-	-	-	TIR≤10%	2J		
Minimum temperature (°C)	-25	-25	-25	-25	-25	-15	-25	-15	-25	-25	-25	-25	-25	-15	-25	-25	-5	-5	-5	-5	-5	-5	-5	-5	-5	-25		
Max temperature (°C)	60	60	120	120	105	105	105	105	60	60	60	60	105	105	60	60	90	90	90	90	90	90	90	90	90	105		
Resistance to flame propagation	Non flame propagating				Non flame propagating								Non flame propagating				Flame propagating				Not declared							
Ingress Protection	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	min IP65	IP44/IP68*	IP44/IP68*	IP40/IP68*	IP40/IP68*	-	-	-	-	No leakage	min IP65		
Resistance to bending	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Rigid	Pliable	Pliable	Rigid	Pliable	Rigid	Rigid	Pliable	Pliable	Pliable	Rigid	Pliable		
Diameters	Ø16-Ø63	Ø16-Ø63	Ø16-Ø40	Ø16-Ø40	Ø16-Ø32	Ø16-Ø32	Ø16-Ø32	Ø16-Ø32	Ø16-Ø63	Ø16-Ø63	Ø16-Ø63	Ø16-Ø63	Ø16-Ø32	Ø16-Ø32	Ø16-Ø32	Ø16-Ø40	Ø32-Ø200	Ø75-Ø250	Ø32-Ø200	Ø75-Ø250	OD110-OD200	OD63-OD200	OD110-OD200	OD63-OD200	OD160-OD630	Ø23-Ø29		
Certifications	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE	CE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	CE-VDE	-	-	-	-	BUREAU VERITAS	VDE		
Exposed	o	o	•	•	•	•	•	•	o	o	o	o	-	-	o	o	-	-	-	-	-	-	-	-	-	-	-	
Concealed (dry walls)	o	o	o	o	o	o	o	o	o	o	o	o	•	•	o	o	-	-	-	-	-	-	-	-	-	-	-	
Concealed (underplaster)	o	o	-	-	o	o	o	o	o	o	o	o	•	•	o	o	-	-	-	-	-	-	-	-	-	-	-	
Concealed (floor, ceilings)	o	o	o	o	o	o	o	o	o	o	o	o	•	•	o	o	-	-	-	-	-	-	-	-	-	-	-	
Underfloor in screed	o	o	-	-	•	•	•	•	o	o	o	o	-	-	-	-	•	•	o	o	-	-	-	-	-	-	-	
Concrete	•	•	-	-	•	•	•	•	o	o	o	o	-	-	-	-	•	•	-	-	-	-	-	-	-	-	-	
Outdoor	•	•	o	o	•	•	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Buried underground	o	o	o	o	o	o	o	o	o	o	o	o	-	-	-	-	•	•	•	•	-	-	-	-	-	-	-	
Wood	•	•	o	o	•	•	o	o	o	o	o	o	o	o	o	o	-	-	-	-	-	-	-	-	-	-	-	
Discharge stormwater	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wastewater disposal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Agricultural drainage	o	o	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Building drainage	o	o	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Drain Roads/fields	o	o	•	•	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Protection of water pipes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

TECHNOLOGIES EXPLANATION
Halogen free conduits acc. to EN 50642
Low smoke density of conduits during combustion acc. to EN 61034-2
Low acidity of gas content during combustion acc. to EN 60754-2
Antimicrobial protection on plastics acc. to ISO 22196
Anti-electromagnetic technology which absorbs part of the electromagnetic radiation emitted by the cables
Low friction in the internal layer of the conduit acc. to IEC/TR 62470
UV stability after testing in real and artificial (acc. to EN ISO 4892-2) weathering conditions
Anti-rodent technology which repels rodents (European Patent EP2698792)
Color marking with longitudinal stripes, of indelible color, for identification between power and telecommunication cables

SPECIFICATIONS EXPLANATION
CLASSIFICATION for cable protection conduit systems is according to EN 61386.01, EN 61386.21 (rigid), EN 61386.22 (corrugated pliable), and EN 61386.24 (underground networks) and for drainage piping systems is according to EN ISO 9969
Materials are specially stabilized heavy metals free (RoHS) thermoplastics
Compression strength for cable protection conduit systems refers to resistance to compression (EN 61386.01) and for drainage piping systems refers to ring stiffness (EN ISO 9969) and ring flexibility (EN ISO 13968 for GEOSAN pipes)
Impact strength for cable protection conduit systems refers to resistance to impact (EN 61386.01) and for GEOSAN pipes refers to impact strength (EN 744)
Ingress protection for cable protection conduit systems refers to protection against solid objects and water (EN 60529) and for GEOSAN pipes refers to permanent leak tightness (EN 1277)
Diameters refer to pipe's outside diameters
*IP68 when the pipe is bonded to its coupler with the use of KOUVIDIS sealant

ADDITIONAL INFORMATION
All products are manufactured from special stabilized thermoplastic materials, heavy metals free acc. to RoHS (2011/65/E, 2015/863/EU) and Reach (EC /1907/2006 European Directives). All conduit systems for cable protection comply with the essential safety requirements of the EC Low Voltage European Directive 2014/35/EU.
KOUVIDIS is committed to sustainable development through the implementation of three MS acc. to ISO 9001, ISO 14001 and ISO 45001, the reduction of its emitted pollutants and waste packaging, the rational use of water and energy (RES) and the use of high quality materials with the lowest environmental footprint.
Contact our Technical Support department to learn more details about our products (+30 2010 031 500).

o Recommended - Not recommended • Best choice acc. to the manufacturer

The above Installation fields are only recommendations due to the technical specifications of KOUVIDIS products. National or local restrictions and prohibitions must always be considered.

WE ARE A PASSIONATE, SECOND-GENERATION, FAMILY-OWNED ENTERPRISE, THE LARGEST PLASTIC PIPE MANUFACTURER IN GREECE, SPECIALIZED IN THE DEVELOPMENT AND PRODUCTION OF INNOVATIVE PLASTIC PIPING SYSTEMS FOR CABLE MANAGEMENT AND PROTECTION, DRAINAGE AND SEWAGE.

Our business philosophy is to ensure:

safety to the installers

confidence to the engineers

trust to our partners and

respect to our employees and our society



discover
our 46 years
know how...



*KOUVIDIS & KLS KOUVIDIS LOGISTICS SERVICES



This year is a significant milestone for KOUVIDIS as we are celebrating 10 years of successful presence in Cyprus. On this anniversary, we are delighted to have completed the installation of our new production unit on the island, which enables us to meet most of the demand locally, whilst we are aiming to become fully autonomous in the near future.

Our new factory has been structured following the know-how and quality assurance procedures for all our products that have been obtained through our vast experience that has placed us as a top manufacturer of plastic conduit systems in Europe.

This strategic decision is one more step towards our commitment to enhancing our services to our partners and customers as well as contributing to the local community.

K KOUVIDIS®

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