



SOLIN[®]



**PLASTIC & COMPOSITE PIPES
COMPLETE SYSTEMS
FOR HEATING - SANITATION - DRAINAGE**

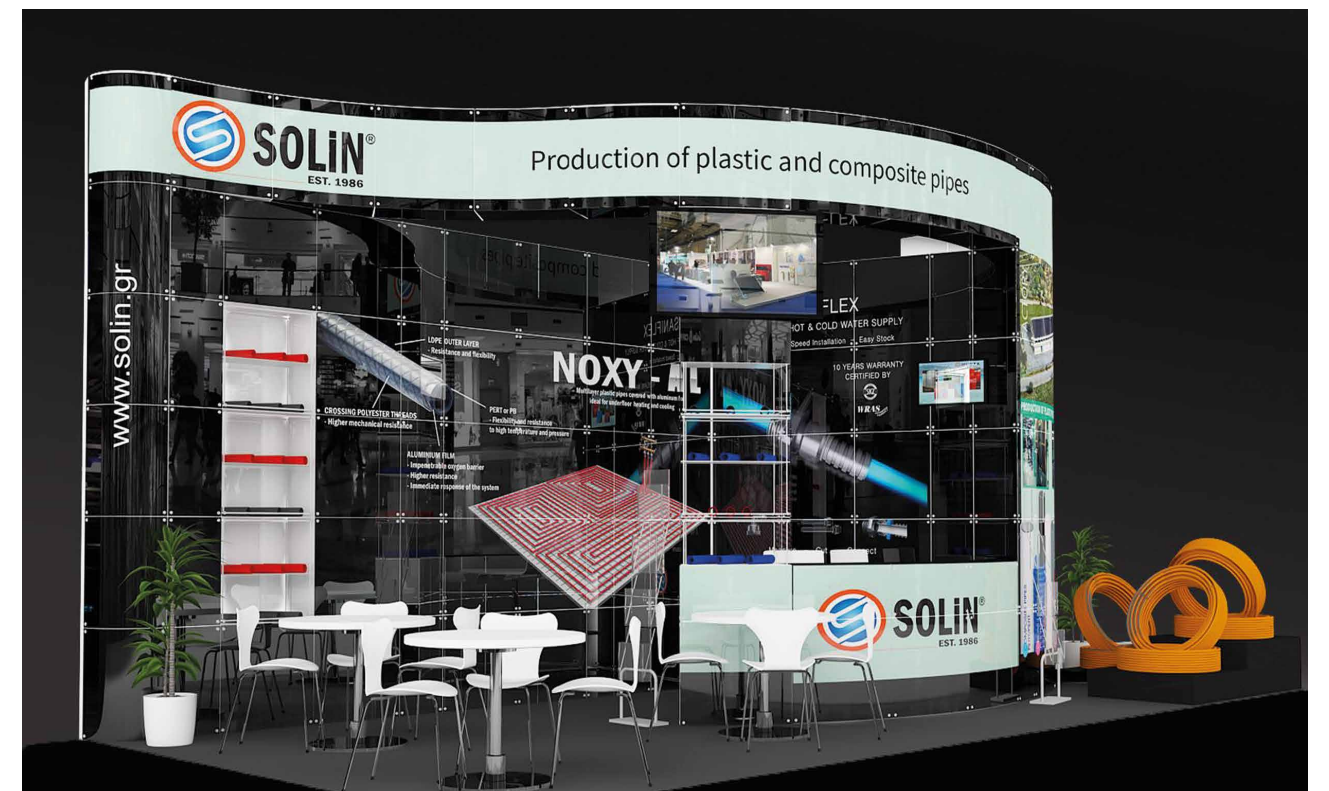
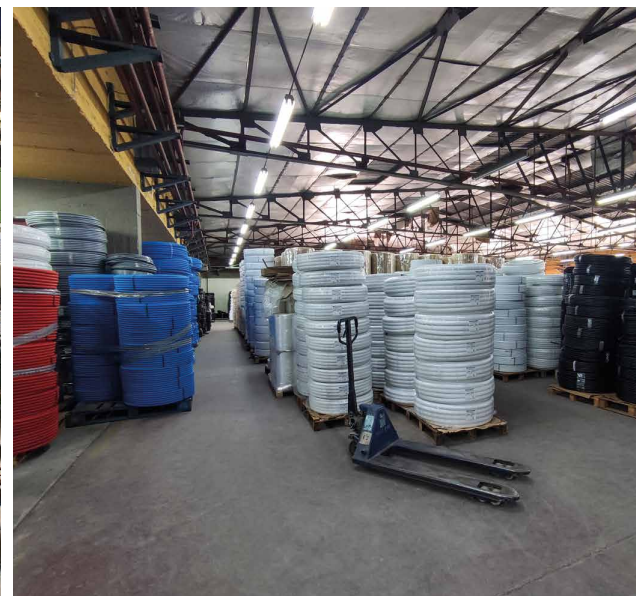


SOLIN was established in 1986, focusing on the production of high-quality plastic pipes, fittings and integrated systems for heating, water supply and drainage.

In the course of almost 40 years in the manufacturing field, having gained the experience and knowledge as expertise and with the continuous investment on new production lines and employee's training, we are proud that our products are among the top of their range, in terms of quality within the national and international market.

SOLIN is based in Greece, with the head offices, including administration offices and several warehouse spaces being located in Athens, while our factory, with our main warehouse, is located in the A' Industrial Area of Volos with buildings of 17.500m², in a total plot extent of about 33.000m².

With a strong export orientation proved by a continuous presence at the most important international exhibitions, such as ISH, AQUATHERM, BAKU BUILD, BIG 5, WORLD BUILD MOSCOW EXPO/MOSBUILD, PROJECT QATAR, MOSTRA CONVEGNO, AHR, ROMEXPO, SOLIN exports its products to more than 40 countries around the world, covering 60% of its annual turnover.



SOLIN in numbers

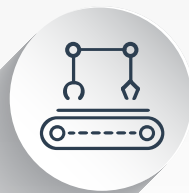
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2800+

TONS

annual production



18

PRODUCTION LINES



35.000 m²

FACILITIES

offices & plant



80+

EMPLOYEES

full-time employees



15

PRIVATELY VEHICLES

OWNED



3

DISTRIBUTION CENTERS

Athens - Volos - Thessaloniki



40

EXPORTING COUNTRIES



SOLIN S.A., a leading plastic pipe producer, has a strong presence in the Greek market. Alongside a diverse local market product portfolio serving all major Greek customers, SOLIN expands its sales all over the world.

SOLIN's products are exported to international markets such as USA, Canada, China, Scandinavia and in countries of Western and Eastern Europe, in the Middle East, Balkan, New Zealand, Sri Lanka etc.

We constantly strive to enrich our partners network in regional and international market, through establishing partnerships with exclusive representation, aiming at customers' satisfaction.

CERTIFICATION

SOLIN company is certified by **TUV HELLAS** (TÜV NORD) for quality management systems according to ISO 9001/2015. All the procedures, from the receipt of raw materials until the delivery of the final product to the customer, are governed by the rules of quality assurance system.

Moreover, SOLIN's products have certifications from international institutes, according to the most strict standards, such as :

- **SKZ** German certificate of resistance of plastic pipes to water pressure and temperature, according to DIN16892 / 93, according to European regulations EN ISO 15875-5 and according to American specifications ASTM F1281-96.

This certificate accompanies the pipes FLEXITHERM (Pb-I), RETIFLEX (PEX-b), OCTATHERM (PERT), SOLISAN (PPR) and AL-PERT-SOL.

- **MPA-NRW** German certificate of conformity of plastic pipes according to DIN4726 for oxygen permeability and protection with oxygen barrier.

Accompanies the pipes FLEXITHERM-NOXY, RETIFLEX-NOXY and OCTATHERM-NOXY.

- **WRAS** British certificate for suitability of plastic pipes for use in drinking water networks, according to BS 6920: 2000.

Accompanies the pipes AL-PERT-SOL, AQUAFLEX (PE-80), RETIFLEX (PEX-b) and FLEXITHERM-NOXY (5 layers).

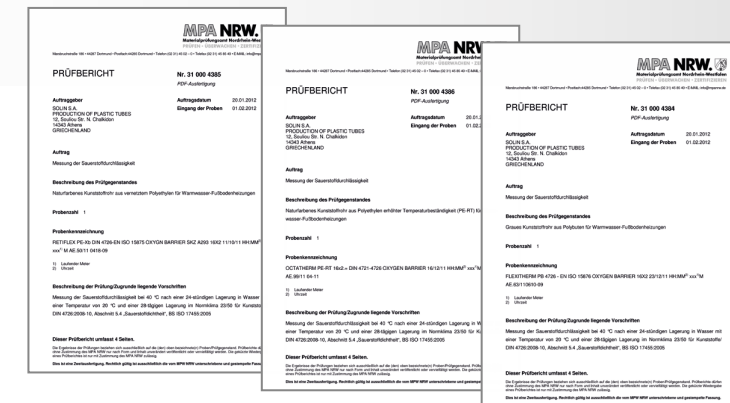
Company Certificates



TUV HELLAS
(ISO 9001:2015)

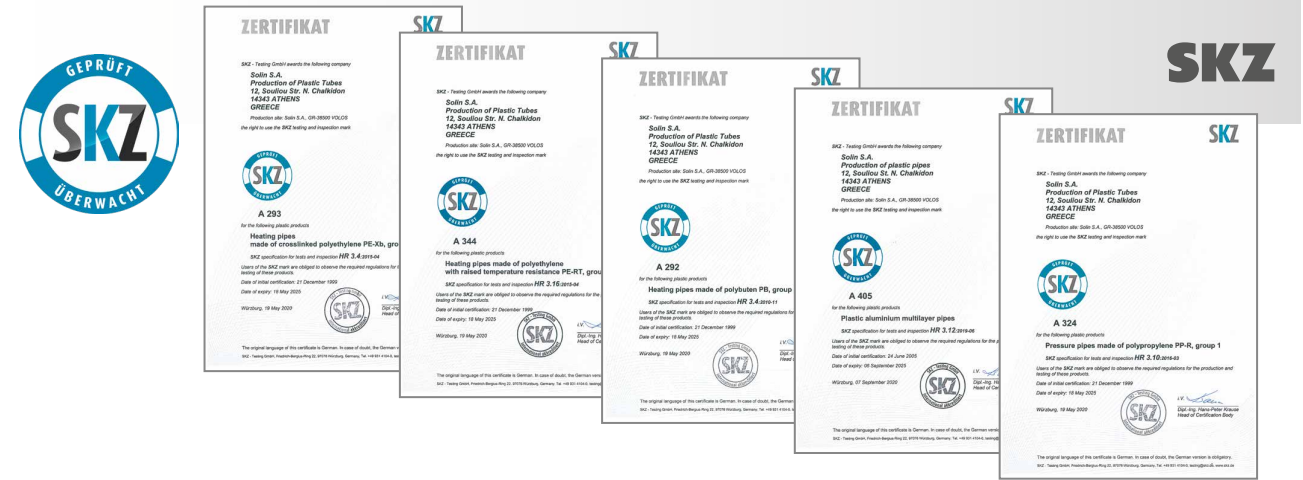


MPA NRW
Materialprüfungsamt Nordrhein-Westfalen
PRÜFEN • ÜBERWACHEN • ZERTIFIZIEREN

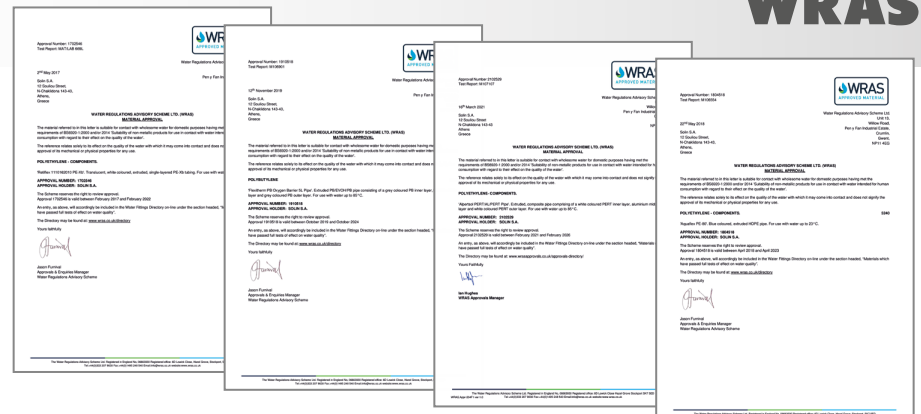


MPA

Products Certificates



WRAS
APPROVED PRODUCT



QUALITY ASSURANCE

Our primary concern and basic commitment is to ensure the top quality of our products. In addition to the advanced mechanical equipment and the specialized personnel involved in the production process of pipes and fittings, SOLIN guarantees the quality of its products with daily, regular laboratory tests on random samples from each production batch, as well as on each new raw material supply.



Laboratory tests:

- Check on each new raw material batch
- Flow Index Control (MFI)
- Measuring the degree of cross linking
- Measuring the water hardness of the network and its temperature
- Heat reversion test
- Microscopic homogenization material inspection
- Measurement of Environmental Stress Crack Resistance (ESCR)
- Pipe mechanical resistance control with tensile trials
- Internal Hydrostatic Strength
- OIT (oxydation induction time) measurement



During the production process are carried out daily:

- Visual inspection and measurement tests
- Measuring the thickness of the oxygen barrier
- Checks according to specifications

Laboratory equipment:

All control and measuring devices of our laboratory are calibrated and certified by an independent calibration laboratory (calibration frequency annually) for their uninterrupted operation and measurement accuracy.



GUARANTEE



Plastic pipe with trade name:

ALPERTSOL (PERT-AL-PERT),
 RETIFLEX (PEX-b),
 OCTATHERM (PE-RT),
 FLEXITHERM (Pb-1),
 SOLISAN (PP-R80),
 NOXY-AL (Pb-AL)/(PERT-AL),
 AQUAFLEX (PE80),
 GROUNDTERM (PP RANDOM),
 SOLIDRAINS (PVC plastic pipes for drainage),

are accompanied by guarantee of excellent quality and good operation for **10 years** from production date.

The guarantee covers product liability and possible damages to third installations up to **2.000.000€** per event and cumulatively on an annual basis. These damages must have come exclusively from quality defects of the pipe and not from intervention of external factors.

The guarantee is valid only if conditions of proper installation have been respected, according to the instructions of the Data Sheet and taken into account all the rules of protection of the installation.

To obtain guarantee service and claim for compensation, client must firstly contact SOLIN S.A. to determine the problem and should provide all necessary documents that prove the reason of damage (defected piece of pipe, photos of damaged area etc) and the total cost that has to be paid in order to be fixed.

Client is not allowed to make an intervention of the damage without our authorization. The insurance company preserves the right to send an expert for inspection.

All other terms and conditions for this guarantee are described in our product liability contract **N° 16023419** with **International Insurance Company GROUPAMA**.

EXPLANATION OF GRAPHIC SYMBOLS

Nominal pipe size

Corrugated pipe dimension

Insulation pipe dimension

Insulation thickness (mm)

Meters per coil

Pieces per package

Grams per meter

Price in Euro per meter

Price in Euro per piece

Price in Euro per Kilogram

Aluminium thickness at pipe (mm)

PIPES/CORRUGATED PIPES COLOUR	
# ○	Pipes or corrugated pipes in white colour
# ●	Pipes or corrugated pipes in black colour
# ●	Pipes or corrugated pipes in red colour
# ●	Pipes or corrugated pipes in blue colour
# ●	Pipes or corrugated pipes in grey colour
# ●	Pipes or corrugated pipes in green colour

Suitable for **Heating** applications

Suitable for **Geothermy** applications

Suitable for **Solar** applications

Suitable for **Sanitation** applications

Suitable for **Cooling** applications

Suitable for **Underfloor Heating** applications

COMPARATIVE TABLE OF PIPES

CHARACTERISTICS	PB	PEX-B	PE-RT	PP-R	PERT/AL/PERT
Bending	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Temperature resistance	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Resistance to pressure	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Fittings connection speed	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Fittings variety	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Weight	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Water Hammer resistance	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Linear elongation	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★
Ice resistance	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★

The table can be used to determine the optimal pipe technology, according to the usage and technical characteristics of the installation.

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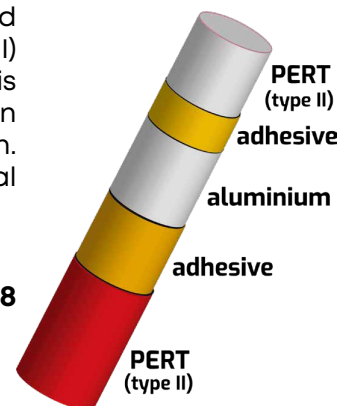
AL-PERT-SOL

PE-RT/AL/PE-RT

Composite pipes of aluminium-plastic

AL-PERT-SOL multilayer pipe is a 5 layer composite pipe: the inner and outer layers are made of Polyethylene Raised Temperature (PERT Type II) tightly bonded with melt adhesive to the mid layer of aluminium which is lengthwise welded in an overlapping way. In this way, a perfect oxygen barrier is succeeded that ensures their perfect unruptured connection. AL-PERT-SOL pipes are produced according to the following international standards and specifications :

- DIN 16836:2005 / ASTM F1282:17 / SKZ HR 3.12 / EN ISO 21003:2008



SUITABLE FOR APPLICATIONS



CODE					€m
# ○	# ●				
1100162010	1100162020	16 x 2	0,20	100m / 200m	
1100182010	1100182020	18 x 2	0,24	100m / 200m	
1100202010	1100202020	20 x 2	0,24	100m / 200m	
1100263010	1100263020	26 x 3	0,30	50m	
1100323010	1100323020	32 x 3	0,30	50m	

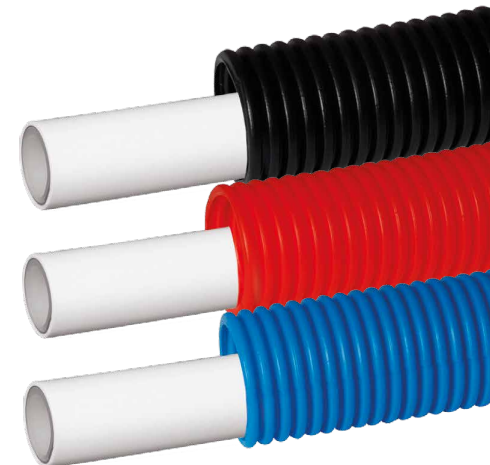


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Pert-Al-Pert pipe in white color with protective corrugated pipe

CODE (WHITE PIPE)					€m
# ●	# ●	# ●			
1200162012	1200162013	1200162014	16 x 2*	Ø25	50m
1200182012	1200182013	1200182014	18 x 2*	Ø30	50m
1200202012	1200202013	1200202014	20 x 2*	Ø30	50m
1200263012	1200263013	1200263014	26 x 3*	Ø40	50m

* Production upon request.



AL-PERT-THERM

PE-RT/AL/PE-RT

Pert-Al-Pert pipe with insulation

CODE			mm		€m
# ○	# ●				
1300162011	1300162021	16 x 2	9mm	50m	
1300182011	1300182021	18 x 2	9mm	50m	
1300202011	1300202021	20 x 2	9mm	50m	
1300263011	1300263021	26 x 3	9mm	50m	
1300323011	1300323021	32 x 3	15mm	50m	



website page

Advantages (PE-RT/AL/PE-RT)

- ✓ Excellent resistance to high pressures and temperatures
 - ✓ They do not corrode
 - ✓ 100% oxygen barrier
- ✓ Extremely low linear expansion (due to aluminum)
 - ✓ Easy and fast connection
 - ✓ Excellent thermal properties

RETIFLEX pipes are produced from high density polyethylene (PE-Xb) and are cross linked by SILANE method (also called the "moisture cure" method) in which the molecules of polyethylene are bonded to form more complex structure. RETIFLEX pipes are produced by last generation's raw materials of German origin according to the following requirements and relevant specifications:

- EN ISO15875 / DIN 16892/16893 / ASTM F876/877 / CSA B137.5

The cross linking degree, that is more than 65% and could be increased to 75% over time, gives the excellent thermal properties to RETIFLEX pipes and improves many of their features, such as resistance to high temperatures, mechanical resistance through time, resistance to corrosion and chemical substances.

SUITABLE FOR APPLICATIONS



LIFE DURATION							
OPERATION TIME (with SF 1,25)		50y	50y	50y	50y	25y	10y
TEMPERATURE		10°C	20°C	40°C	70°C	80°C	90°C
DIMENSION	10 x 1,4	28.0	24.8	19.5	13.9	12.6	11.4
	15 x 2,5	34.4	30.5	24.0	17.1	15.5	14.0
	16 x 2	24.6	21.8	17.2	12.2	11.0	10.0
	16 x 2,2	27.5	24.3	19.1	13.6	12.3	11.2
	18 x 2	21.5	19.0	15.0	10.7	9.7	8.8
	18 x 2,5	27.8	24.6	19.4	13.8	12.5	11.3
	20 x 2	19.1	16.9	13.3	9.5	8.6	7.8
	20 x 2,8	28.0	24.8	19.5	13.9	12.6	11.4
	22 x 3	27.2	24.1	19.0	13.5	12.2	11.1
	25 x 2,3	17.4	15.4	12.2	8.7	7.8	7.1
	25 x 3,5	28.0	24.8	19.5	13.9	12.6	11.4
	28 x 3	20.7	18.3	14.4	10.3	9.3	8.4
	32 x 3	17.8	15.8	12.4	8.8	8.0	7.3
PRESSURE IN BAR							

CODE				€m
# ○	# ●			
1110101410	1110101420	10 x 1,4	50m	
1110102010	1110102020	10 x 2*	50m	
1110122010	1110122020	12 x 2*	50m	
1110152010	1110152020	15 x 2*	100m/200m	
1110152510	1110152520	15 x 2,5	100m/200m	
1110161510	1110161520	16 x 1,5*	100m/200m	
1110161810	1110161820	16 x 1,8*	100m/200m	
1110162010	1110162020	16 x 2	100m/200m	
1110162210	1110162220	16 x 2,2*	100m/200m	
1110172010	1110172020	17 x 2*	100m/200m	
1110182010	1110182020	18 x 2	100m/200m	
1110182510	1110182520	18 x 2,5	100m/200m	
1110202010	1110202020	20 x 2	100m/200m	
1110202810	1110202820	20 x 2,8*	100m/200m	
1110223010	1110223020	22 x 3	100m/200m	
1110252010	1110252020	25 x 2*	100m	
1110252310	1110252320	25 x 2,3*	100m	
1110253510	1110253520	25 x 3,5*	100m	
1110283010	1110283020	28 x 3	50m/100m	
1110323010	1110323020	32 x 3	50m/100m	
1110324410	1110324420	32 x 4,4*	50m/100m	
1110380010	1110380020	3/8" *	100m/200m	
1110120010	1110120020	1/2"	100m/200m	
1110340010	1110340020	3/4"	100m/200m	
1110100010	1110100020	1" *	50m/100m	

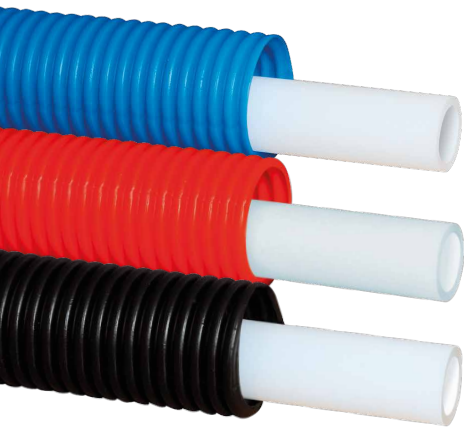
* Production upon request.

• The above mentioned pipes can go through steam treatment for smelling purposes with an extra 7% charge on the above mentioned prices.



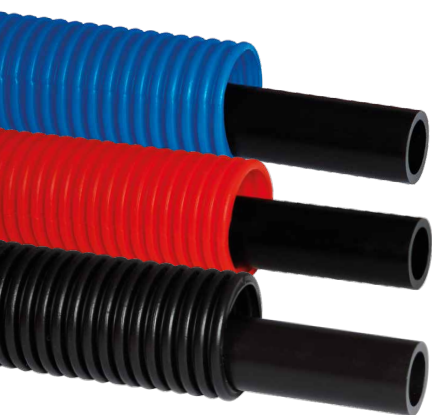
website page

Cross-linked polyethylene pipe with protective corrugated pipe



The code for **BLACK** pipe is adjusted by changing second last number from 1 to 2 as follows:

1210101414 ➔ 1210101424



CODE (WHITE PIPE)						€
#	#	#				
1210101412	1210101413	1210101414	10 x 1,4	Ø16	50m	
1210102012	1210102013	1210102014	10 x 2*	Ø16	50m	
1210122012	1210122013	1210122014	12 x 2*	Ø16	50m	
1210152012	1210152013	1210152014	15 x 2*	Ø16	50m	
1210152512	1210152513	1210152514	15 x 2,5	Ø25	50m	
1210161512	1210161513	1210161514	16 x 1,5*	Ø25	50m	
1210161812	1210161813	1210161814	16 x 1,8*	Ø25	50m	
1210162012	1210162013	1210162014	16 x 2	Ø25	50m	
1210162212	1210162213	1210162214	16 x 2,2*	Ø25	50/75m	
1210172012	1210172013	1210172014	17 x 2*	Ø25	50m	
1210182012	1210182013	1210182014	18 x 2	Ø30	50m	
1210182512	1210182513	1210182514	18 x 2,5	Ø30	50m	
1210202012	1210202013	1210202014	20 x 2	Ø30	50m	
1210202812	1210202813	1210202814	20 x 2,8*	Ø30	50m	
1210223012	1210223013	1210223014	22 x 3	Ø30	50m	
1210252012	1210252013	1210252014	25 x 2*	Ø36	50m	
1210252312	1210252313	1210252314	25 x 2,3*	Ø36	50m	
1210253512	1210253513	1210253514	25 x 3,5*	Ø36	50m	
1210283012	1210283013	1210283014	28 x 3	Ø40	50m	
1210323012	1210323013	1210323014	32 x 3	Ø50	50m	
1210324412	1210324413	1210324414	32 x 4,4*	Ø50	50m	
1210380012	1210380013	1210380014	3/8" *	Ø20	50m	
1210120012	1210120013	1210120014	1/2"	Ø25	50m	
1210340012	1210340013	1210340014	3/4"	Ø30	50m	
1210100012	1210100013	1210100014	1" *	Ø36	50m	

* Production upon request.

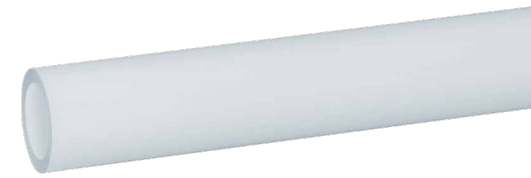
• The above mentioned pipes can go through steam treatment for smelling purposes with an extra 7% charge on the above mentioned prices.

RETIFLEX-NOXY PE-Xb

Cross-linked polyethylene pipe with oxygen barrier of 3 & 5 layers

CODE				€
3 LAYERS	5 LAYERS			
1111101410	1112101410	10 x 1,4*	coils up to 600m	
1111102010	1112102010	10 x 2*	coils up to 600m	
1111122010	1112122010	12 x 2*	coils up to 600m	
1111152010	1112152010	15 x 2*	coils up to 600m	
1111161510	1112161510	16 x 1,5*	coils up to 600m	
1111161810	1112161810	16 x 1,8*	coils up to 600m	
1111162010	1112162010	16 x 2	200m/400m	
1111162210	1112162210	16 x 2,2*	200m	
1111172010	1112172010	17 x 2*	200m	
1111182010	1112182010	18 x 2	200m	
1111202010	1112202010	20 x 2*	coils up to 600m	
1111202810	1112202810	20 x 2,8*	coils up to 600m	
1111223010	1112223010	22 x 3*	coils up to 600m	
1111252010	1112252010	25 x 2*	coils up to 600m	
1111252310	1112252310	25 x 2,3*	coils up to 600m	
1111253510	1112253510	25 x 3,5*	coils up to 600m	
1111283010	1112283010	28 x 3*	50m/100m	
1111323010	1112323010	32 x 3*	50m/100m	
1111324410	1112324410	32 x 4,4*	50m/100m	
1111380010	1112380010	3/8" *	100m/200m	
1111120010	1112120010	1/2"	50m/100m/200m	
1111340010	1112340010	3/4"	50m/100m/200m	
1111100010	1112100010	1"	50m/100m	

* Production upon request.



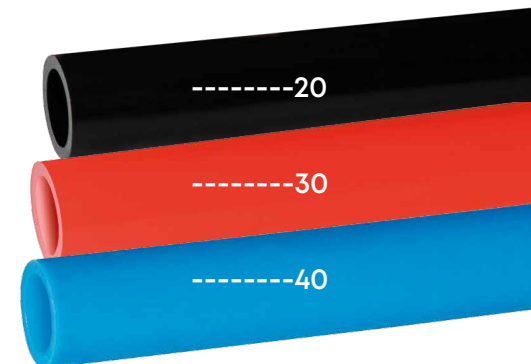
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The code is adjusted by changing the last two numbers as follows:

Black: 20

Red: 30

Blue: 40







RETIFLEX-ISO

PE-Xb

Cross-linked polyethylene pipe
with insulation



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CODE # ●		 mm		€ 
1310152521	15 x 2,5	9mm	50m	
1310162021	16 x 2	9mm	50m	
1310182021	18 x 2	9mm	50m	
1310182521	18 x 2,5	9mm	50m	
1310202021	20 x 2	9mm	50m	
1310223021	22 x 3	9mm	50m	
1310323021	32 x 3	15mm	50m	

Advantages (PE-Xb)

- ✓ High resistance to high temperatures and pressures
 - ✓ High thermal conductivity
- ✓ Resistance to corrosion and chemical substances.
 - ✓ Certified for drinking water
 - ✓ Quite flexible

OCTATHERM

PE-RT

Raised temperature polyethylene pipe

OCTATHERM pipes are made of polyethylene of raised temperature resistance (PE-RT) that have unique molecular structure and crystalline micro-structure, which provides excellent long term hydrostatic strength at high temperatures without the need of material's cross-linking. The lamellar crystal structures are connected through amorphous polymer segments: the tie chains. This could be described as a kind of "geometrical cross-linking". Tie chains show extensibility and mobility and can absorb and dissipate energy. OCTATHERM pipes are produced according to the following international standards and specifications:

- DIN 16833/16834 / DIN 4721- 4726 (for pipes with oxygen barrier) / ISO 22391

The outstanding flexibility and superior smoothness of the inner and outer surface of OCTATHERM pipes allow the economical, safe and qualitative installation with no incrustations and low pressure loss. They are ideal for underfloor heating installations where very close bends are required.

SUITABLE FOR APPLICATIONS







LIFE DURATION							
OPERATION TIME (with SF 1,25)		50y	50y	50y	50y	25y	10y
TEMPERATURE		10°C	20°C	40°C	70°C	80°C	90°C
DIMENSION	15 x 2,5	29.0	26.7	22.1	13.0	10.1	8.3
	16 x 2	20.1	18.6	15.4	9.3	7.3	6.0
	17 x 2	19.3	17.8	14.7	8.7	6.8	5.6
	18 x 2	18.1	16.7	13.8	8.1	6.3	5.2
	18 x 2,5	22.7	20.9	17.3	10.5	8.2	6.7
	20 x 2	15.8	14.5	12.0	7.3	5.7	4.6
	22 x 3	22.7	20.9	17.3	10.3	8.0	6.6
	25 x 2,3	14.5	13.4	11.1	6.6	5.2	4.2
	25 x 3,5	22.7	20.9	17.3	10.6	8.3	6.8
	28 x 3	17.3	15.9	13.2	7.8	6.1	5.0
	32 x 3	14.5	13.4	11.1	6.8	5.3	4.3
PRESSURE IN BAR							

Raised temperature polyethylene pipe








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CODE				€/m
# 	# 			
1170081010	1170081020	8 x 1	50m	
1170101410	1170101420	10 x 1,4*	50m	
1170102010	1170102020	10 x 2*	50m	
1170122010	1170122020	12 x 2*	50m	
1170152010	1170152020	15 x 2*	100m/200m	
1170152510	1170152520	15 x 2,5	100m/200m	
1170161510	1170161520	16 x 1,5*	100m/200m	
1170161810	1170161820	16 x 1,8*	100m/200m	
1170162010	1170162020	16 x 2	100m/200m	
1170172010	1170172020	17 x 2*	100m/200m	
1170182010	1170182020	18 x 2	100m/200m	
1170182510	1170182520	18 x 2,5	100m/200m	
1170202010	1170202020	20 x 2	100m/200m	
1170223010	1170223020	22 x 3	100m/200m	
1170252010	1170252020	25 x 2*	100m	
1170283010	1170283020	28 x 3	50m/100m	
1170323010	1170323020	32 x 3	50m/100m	

* Production upon request.

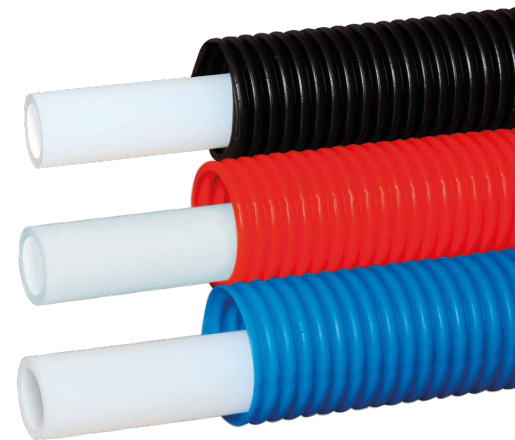
- The above mentioned pipes can go through steam treatment for smelling purposes with an extra 7% charge on the above mentioned prices.

Raised temperature polyethylene pipes with protective corrugated pipe

CODE (WHITE PIPE)					€/m
# 	# 	# 			
1270101412	1270101413	1270101414	10 x 1,4*	Ø16	50m
1270102012	1270102013	1270102014	10 x 2*	Ø16	50m
1270122012	1270122013	1270122014	12 x 2*	Ø23	50m
1270152012	1270152013	1270152014	15 x 2*	Ø25	50m
1270152512	1270152513	1270152514	15 x 2,5	Ø25	50m
1270161512	1270161513	1270161514	16 x 1,5*	Ø25	50m
1270161812	1270161813	1270161814	16 x 1,8*	Ø25	50m
1270162012	1270162013	1270162014	16 x 2	Ø25	50m
1270172012	1270172013	1270172014	17 x 2*	Ø25	50m
1270182012	1270182013	1270182014	18 x 2	Ø30	50m
1270182512	1270182513	1270182514	18 x 2,5	Ø30	50m
1270202012	1270202013	1270202014	20 x 2	Ø30	50m
1270223012	1270223013	1270223014	22 x 3	Ø30	50m
1270252012	1270252013	1270252014	25 x 2*	Ø36	50m
1270283012	1270283013	1270283014	28 x 3	Ø40	50m
1270323012	1270323013	1270323014	32 x 3	Ø50	50m

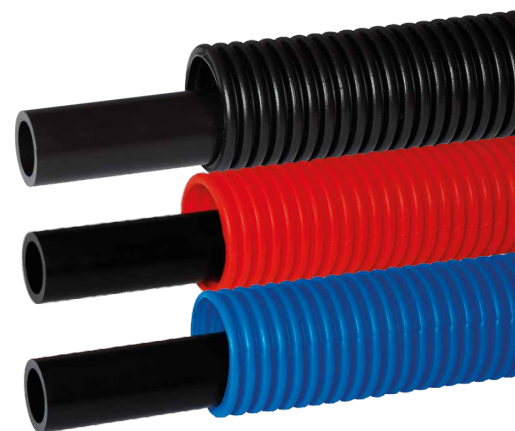
* Production upon request.

- The above mentioned pipes can go through steam treatment for smelling purposes with an extra 7% charge on the above mentioned prices.



The code for **BLACK** pipe is adjusted by changing second last number from 1 to 2 as follows:

1270122014 ▶ 1270101424



OCTATHERM-NOXY

PE-RT

Raised temperature polyethylene pipes with oxygen barrier of 3 & 5 layers



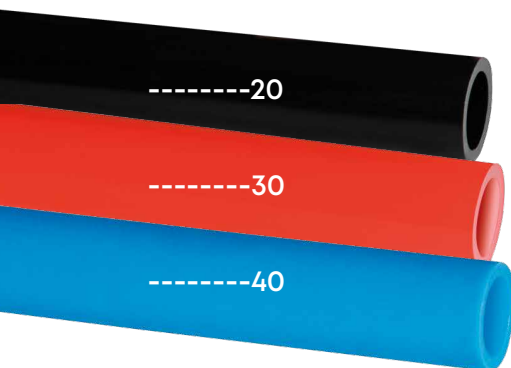
website page

The code is adjusted by changing the last two numbers as follows:

Black: 20

Red: 30

Blue: 40



CODE				€
3 LAYERS	5 LAYERS			
1171081010	1172081010	8 x 1	coils up to 600m	
1171101410	1172101410	10 x 1,4*	coils up to 600m	
1171102010	1172102010	10 x 2*	coils up to 600m	
1171121510	1172121510	12 x 1,5	coils up to 600m	
1171122010	1172122010	12 x 2*	coils up to 600m	
1171142010	1172142010	14 x 2*	coils up to 600m	
1171152010	1172152010	15 x 2*	coils up to 600m	
1171161510	1172161510	16 x 1,5*	coils up to 600m	
1171161810	1172161810	16 x 1,8*	coils up to 600m	
1171162010	1172162010	16 x 2	200m/400m	
1171172010	1172172010	17 x 2*	200m/400m	
1171182010	1172182010	18 x 2	100m/200m	
1171202010	1172202010	20 x 2*	100m/200m	
1171223010	1172223010	22 x 3*	100-300m	
1171252010	1172252010	25 x 2*	100-400m	
1171252310	1172252310	25 x 2,3*	100-300m	
1171283010	1172283010	28 x 3*	50m/100m	
1171323010	1172323010	32 x 3*	50m/100m	

* Production upon request.

Advantages (PE-RT)

- ✓ Quite flexible
- ✓ Easy and fast connection
- ✓ Low weight
- ✓ Low cost
- ✓ Resistance to: high temperatures, pressures corrosion, chemical substances

FLEXITHERM

PB-1

Polybutylene plastic pipes

FLEXITHERM pipes are made of polybutylene (PB-1), the latest generation choice for piping systems. They are produced according to the following international standards and specifications:

- DIN 16968/16969 / EN ISO 15876 / B.S. 7291

They show excellent resistance to mechanical stress (pressure-temperature) compared to other types of pipes (a fact that leads to reduced pipe wall thickness for identical usage). That means that Pb pipes, in comparison to other types of pipes for the same external diameter, provide: lower weight and higher liquid volume transfer. They are also known as “plumber’s flexible friend”, because of their exceptional flexibility and the low memory effect, characteristics that offer improved and easy handlings.

SUITABLE FOR APPLICATIONS



LIFE DURATION							
OPERATION TIME (with SF 1,25)		50y	50y	50y	50y	18y	4y
TEMPERATURE		10°C	20°C	40°C	70°C	80°C	95°C
DIMENSION	8 x 1	33.4	31.2	26.4	17.4	15.0	10.5
	10 x 1,4	38.0	35.6	30.0	19.8	16.5	11.6
	10 x 1,5	41.2	38.6	32.6	21.5	17.7	12.4
	12 x 2	46.7	43.7	36.9	24.4	19.9	14.1
	15 x 1,7	29.8	27.9	23.6	15.6	12.9	9.1
	16 x 2	33.4	31.2	26.4	17.4	15.0	10.5
	18 x 2	29.1	27.3	23.0	15.7	12.9	9.1
	20 x 2	26.2	24.5	20.7	13.6	11.6	8.2
	20 x 2,8	38.0	35.6	30.0	19.8	15.9	12.7
	22 x 2	23.3	21.8	18.4	12.1	10.3	7.3
	22 x 2,3	27.3	25.5	21.6	14.2	12.2	8.6
	25 x 2,3	23.7	22.1	18.7	12.3	10.5	7.5
	28 x 2,5	22.9	21.4	18.1	11.9	10.1	7.1

PRESSURE IN BAR

Polybutylene plastic pipes

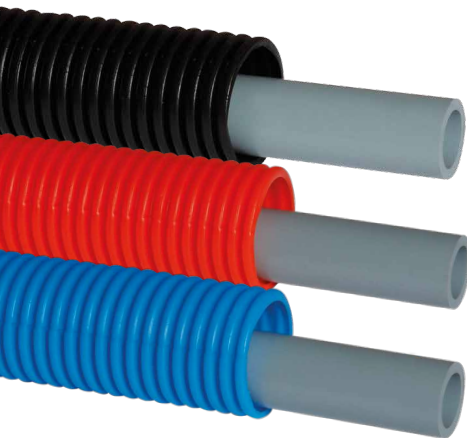


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CODE				€/m
# ●				
1150081080	8 x 1		100m/200m	
1150101580	10 x 1,5*		100m/200m	
1150122080	12 x 2*		100m/200m	
1150141080	14 x 1*		100m/200m	
1150151780	15 x 1,7 (B.S.)*		100m/200m	
1150162080	16 x 2		100m/200m	
1150182080	18 x 2		100m/200m	
1150202080	20 x 2		100m/200m	
1150222080	22 x 2		100m	
1150222380	22 x 2,3 (B.S.)*		100m	
1150282580	28 x 2,5*		100m	

* Production upon request.

Polybutylene plastic pipes with protective corrugated pipe



CODE (GREY PIPE)					€/m
# ●	# ●	# ●			
1250101582	1250101583	1250101584	10 x 1,5*	Ø16	50m
1250122082	1250122083	1250122084	12 x 2*	Ø16	50m
1250141082	1250141083	1250141084	14 x 1*	Ø25	50m
1250151782	1250151783	1250151784	15 x 1,7*	Ø25	50m
1250162082	1250162083	1250162084	16 x 2	Ø25	50m
1250182082	1250182083	1250182084	18 x 2	Ø30	50m
1250202082	1250202083	1250202084	20 x 2	Ø30	50m
1250222382	1250222383	1250222384	22 x 2,3*	Ø30	50m
1250282682	1250282683	1250282684	28 x 2,6*	Ø40	50m

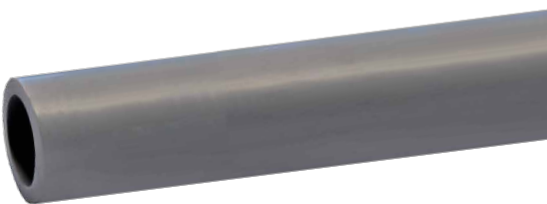
* Production upon request.

FLEXITHERM-NOXY PB-1

Polybutylene plastic pipes with oxygen barrier of 3 & 5 layers

CODE				€/m
3 LAYERS	5 LAYERS			
1151081080	1152081080	8 x 1	100m/200m	
1151101580	1152101580	10 x 1,5	100m/200m	
1151122080	1152122080	12 x 2*	100m/200m	
1151141080	1152141080	14 x 1*	100m/200m	
1151151780	1152151780	15 x 1,7	100m/200m	
1151162080	1152162080	16 x 2	200m	
1151182080	1152182080	18 x 2	200m	
1151202080	1152202080	20 x 2	200m	
1151222080	1152222080	22 x 2	100m	
1151282680	1152282680	28 x 2,6*	100m	

* Production upon request.



Produced also in white colour



website page

Advantages (PB-1)

- ✓ Extremely flexible
- ✓ Certified for drinking water
- ✓ High resistance to chemicals
- ✓ Low weight
- ✓ Soundproof
- ✓ Excellent resistance to high pressures and temperatures

NOXY-AL

(LDPE/PERT-AL-PB/PERT)

Multilayer plastic pipes

Multilayer pipes with the trade name NOXY-AL are composite pipes consisting of PB or PERT inner pipe, which is coated with aluminum film, crossing polyester threads (grid) and an outer layer of LDPE (low density PE) offering an impermeable oxygen barrier without affecting the flexibility of the pipe. This is due to a special technology applied in its production, the crossing polyester threads (grid) and outer layer of LDPE further shield the strength of the pipe.

SUITABLE FOR APPLICATIONS



CODE			€
PB/AL			
1155162070	16 x 2	360m	
1155162270	16 x 2,2	360m	
1155172570	17 x 2,5	360m	

CODE			€
PE-RT/AL			
1175162070	16 x 2	360m	
1175162270	16 x 2,2	360m	
1175172570	17 x 2,5	360m	

Advantages (LDPE/PERT-AL-PB/PERT)

- ✓ Excellent resistance to high pressures and temperatures
 - ✓ They do not corrode
 - ✓ 100% oxygen barrier
- ✓ Extremely low linear expansion (due to aluminum)
 - ✓ Easy and fast connection
 - ✓ Excellent thermal properties



AQUAFLEX

PE 80

Polyethylene pipes PE 80

The pipes with the trade name AQUAFLEX are pipes for cold drinking water (up to 50°C) under pressure. Produced from high density polyethylene second generation PE 80. In addition, they are suitable for carrying a wide variety of chemicals, such as detergents, ethyl alcohol, glycol, hydrochloric acid.

They belong to MRS 8 (PE 80) category and are produced according to the German specifications: **DIN 8074/8075 and EN 12201-2.**

SUITABLE FOR APPLICATIONS



CODE				€
#	#			
1160152540	1160152520	15 x 2,5*	50m	
1160162040	1160162020	16 x 2	50m	
1160172040	1160172020	17 x 2*	50m	
1160182040	1160182020	18 x 2	50m	
1160182540	1160182520	18 x 2,5	50m	
1160202040	1160202020	20 x 2	50m	
1160223040	1160223020	22 x 3	50m	
1160252040	1160252020	25 x 2*	50m	
1160283040	1160283020	28 x 3	50m	
1160323040	1160323020	32 x 3	50m	

* Production upon request.



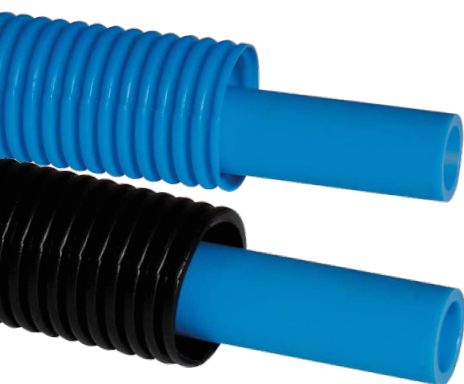
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Polyethylene pipes PE 80 with protective corrugated pipe



The code for **BLUE** pipe is adjusted by changing second last number from 1 to 2 as follows:

1260152524 ► 1260152544









CODE (BLACK PIPE)					€ 
# 	# 				
1260152524	1260152522	15 x 2,5*	Ø25	50m	
1260162024	1260162022	16 x 2	Ø25	50m	
1260162224	1260162222	16 x 2,2*	Ø25	50m	
1260172024	1260172022	17 x 2*	Ø25	50m	
1260182024	1260182022	18 x 2	Ø30	50m	
1260182524	1260182522	18 x 2,5	Ø30	50m	
1260202024	1260202022	20 x 2	Ø30	50m	
1260202824	1260202822	20 x 2,8*	Ø30	50m	
1260223024	1260223022	22 x 3	Ø30	50m	
1260252024	1260252022	25 x 2*	Ø36	50m	
1260252324	1260252322	25 x 2,3*	Ø36	50m	
1260253524	1260253522	25 x 3,5*	Ø36	50m	
1260283024	1260283022	28 x 3	Ø40	50m	
1260323024	1260323022	32 x 3	Ø50	50m	
1260324424	1260324422	32 x 4,4*	Ø50	50m	

* Production upon request.

SOLICOR HDPE

Plastic corrugated pipes from HDPE

The corrugated plastic pipes with trade name SOLICOR, are produced from high density polyethylene (HDPE) and their role is to provide mechanical protection, from stresses and abuses, to the inner pipe. At the same time, they are offered as a guide for the replacement of the inner pipe, in case of problem, without causing damage. These pipes provide thermal insulation, waterproofing and also soundproofing although it is not required, since the flow in the plastic pipes is noiseless. Black colored corrugated pipes with carbon black offer UV protection, thus are recommended for outdoor installation.

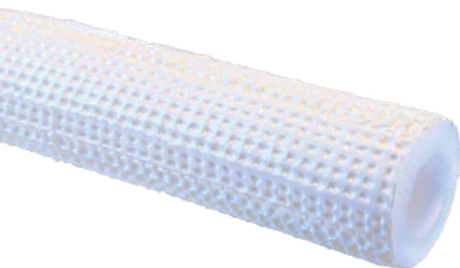
CODE					€ 
# 	# 	# 			
1120161140	1120161130	1120161120	Ø 16 (11)*	50m	
1120181340	1120181330	1120181320	Ø 18 (13,5)*	50m	
1120201640	1120201630	1120201620	Ø 20 (16)*	50m	
1120231840	1120231830	1120231820	Ø 23 (18)	50m	
1120252040	1120252030	1120252020	Ø 25 (20)	50m	
1120282340	1120282330	1120282320	Ø 28 (23)	50m	
1120302540	1120302530	1120302520	Ø 30 (25)	50m	
1120362940	1120362930	1120362920	Ø 36 (29)	50m	
1120403440	1120403430	1120403420	Ø 40 (34)	50m	
1120504540	1120504530	1120504520	Ø 50 (45)	50m	

* Production upon request.




website page

The insulation with trade name ISOLIN is made of expanded polyethylene with closed-cells, which is coated by a special moisture resistant film of white color, that offers UV protection. It can be applied to already installed pipes in heating and sanitation systems, water transportation or when protection from outdoor temperature is required (prevent of temperature loss, prevention of concentrates etc).






website page


CODE				
# ○				
1105169010	Ø16	9mm	2m/50m	
1105189010	Ø18	9mm	2m/50m	
1105209010	Ø20	9mm	2m/50m	
1105229010	Ø22	9mm	2m/50m	
1105269010	Ø26	9mm	2m/50m	
1105289010	Ø28	9mm	2m/50m	
1105321510	Ø32	15mm	2m/50m	

TECHNICAL CHARACTERISTICS	
Thickness	9 mm
Density	35 kg/m³
Thermal Conductivity	0,045 W/MK
Minimum Bending Curve	5 XD
Self-extinguishing	Class 1

The corrugated plastic pipes with trade name GROUND THERM are produced from polypropylene RANDOM PP-R 80 and are ideal for heating greenhouses, because they provide the best conditions for the normal growth of plants while saving energy. Unlike usual thermal systems, Groundtherm can be installed above or below the ground, activates growth of the plants by improving nutrient intake and prevents fungal infection of plants. Produced in black color with UV stabilizers.

CODE			
# ●			
1130250020	Ø25	100m/200m	*

* Production upon request.




CODE	DESCRIPTION	DIMENSION	
# ●			
0930253420	ADAPTOR	Ø25 x 3/4"	*
0930252520	ADAPTOR	Ø25 x Ø25	*

* Production upon request.



website page

Irrigation pipes from low density (soft) polyethylene. They are produced in black color and can withstand a pressure of up to 6 atm at 20°C.

CODE			
# ●			
1135160020	Ø16	100-500m	
1135200020	Ø20	100-500m	
1135250020	Ø25	100-500m	
1135320020	Ø32	100-500m	



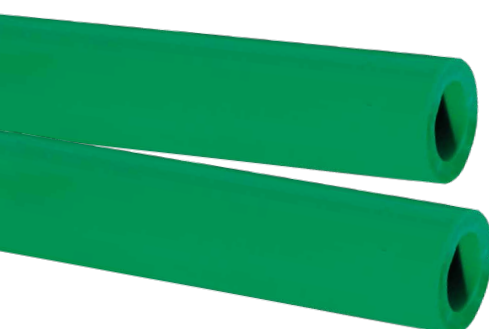
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Plastic pipes with the trade name SOLISAN are produced from polypropylene RANDOM type 3 (PP-R80), according to the specifications: **DIN 8077-78 and EN ISO 15874**. They are connected with thermofusion fittings and are ideal for hot-cold water transport installations as they present high resistant to networks under high pressure and temperature.

SUITABLE FOR APPLICATIONS



LIFE DURATION							
OPERATING TEMPERATURE	20°C	30°C	40°C	50°C	60°C	70°C	80°C
LIFE IN YEARS (with SF 1,25)	50y	50y	50y	50y	50y	50y	25y
MAX. OPERATION PRESSURE (Atm)	30,9	26,1	22	18,5	15,3	10,2	7,6



PPR-pipes



website page

PPR-fittings



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CODE				€/m
# ●				
1140203450	20 x 3,4*	172	100m	
1140254250	25 x 4,2*	266	80m	
1140325450	32 x 5,4	434	40m	
1140406750	40 x 6,7	671	24m	
1140508350	50 x 8,3	1040	20m	
1140631050	63 x 10,5	1650	12m	

* Available in 100m coils as well

Socket female



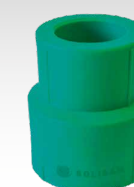
CODE	DIMENSION		€/pc.
0940235001	Ø20	50	
0940235002	Ø25	35	
0940235003	Ø32	20	
0940235004	Ø40	10	
0940235005	Ø50	10	
0940235006	Ø63	5	

Elbow 90° (F-F)



CODE	DIMENSION		€/pc.
0940255001	Ø20	40	
0940255002	Ø25	20	
0940255003	Ø32	25	
0940255004	Ø40	10	
0940255005	Ø50	5	
0940255006	Ø63	5	

Reducer (M-F)



CODE	DIMENSION		€/pc.
0940236001	25 x 20	10	
0940236002	32 x 20	10	
0940236003	32 x 25	10	
0940236004	40 x 20	10	
0940236005	40 x 25	10	
0940236006	40 x 32	10	
0940236007	50 x 20	10	
0940236008	50 x 25	10	
0940236009	50 x 32	10	
0940236010	50 x 40	10	
0940236011	63 x 20	5	
0940236012	63 x 25	5	
0940236016	63 x 32	5	
0940236014	63 x 40	5	
0940236015	63 x 50	5	



Reducing elbow 90° (F-F)



CODE	DIMENSION		€/pc.
0940275001	25 x 20	10	
0940275002	32 x 20	10	
0940275003	32 x 25	10	
0940275004	40 x 20	10	
0940275005	40 x 25	10	
0940275006	40 x 32	10	
0940275007	50 x 20	10	
0940275008	50 x 25	10	
0940275009	50 x 32	10	
0940275010	50 x 40	10	
0940275011	63 x 20	5	
0940275012	63 x 25	5	
0940275013	63 x 32	5	
0940275014	63 x 40	5	
0940275015	63 x 50	5	



Elbow 90° (M-F)



CODE	DIMENSION		€ 
0940256001	Ø20	40	
0940256002	Ø25	20	
0940256003	Ø32	10	



Equal Tee 90° (F)



CODE	DIMENSION		€ 
0940245001	Ø20	30	
0940245002	Ø25	20	
0940245003	Ø32	10	
0940245004	Ø40	5	
0940245005	Ø50	4	
0940245006	Ø63	2	



Special Reducing Tee 90°



CODE	DIMENSION		€ 
0940246034	25 x 20 x 20	10	
0940246035	25 x 25 x 20	10	



Elbow 45° (F-F)



CODE	DIMENSION		€ 
0940265001	Ø20	50	
0940265002	Ø25	30	
0940265003	Ø32	20	
0940265004	Ø40	10	
0940265005	Ø50	5	
0940265006	Ø63	5	



Reducing Tee 90°



CODE	DIMENSION		€ 
0940246001	25 x 20 x 25	10	
0940246002	32 x 20 x 32	10	
0940246003	32 x 25 x 32	10	
0940246004	40 x 20 x 40	10	
0940246005	40 x 25 x 40	10	
0940246006	40 x 32 x 40	10	
0940246007	50 x 20 x 50	10	
0940246008	50 x 25 x 50	10	
0940246009	50 x 32 x 50	10	
0940246010	50 x 40 x 50	10	
0940246011	63 x 20 x 63	5	
0940246012	63 x 25 x 63	5	
0940246013	63 x 32 x 63	5	
0940246014	63 x 40 x 63	5	
0940246015	63 x 50 x 63	5	



Adaptor female thread



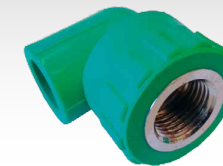
CODE	DIMENSION		€ 
0940930001	20 x 1/2"	10	
0940930002	20 x 3/4"	10	
0940930003	25 x 1/2"	10	
0940930004	25 x 3/4"	10	
0940930006	32 x 1/2"	5	



Adaptor male thread



CODE	DIMENSION		€ 
0940932001	20 x 1/2"	10	
0940932002	20 x 3/4"	5	
0940932003	25 x 1/2"	5	
0940932004	25 x 3/4"	5	
0940932006	32 x 1/2"	4	



Elbow 90° female thread



CODE	DIMENSION		€ 
0940950001	20 x 1/2"	10	
0940950002	20 x 3/4"	8	
0940950003	25 x 1/2"	8	
0940950004	25 x 3/4"	8	
0940950005	32 x 1/2"	4	
0940950006	32 x 3/4"	4	



Adaptor female thread hexagon



CODE	DIMENSION		€ 
0940930012	32 x 3/4"	5	
0940930005	32 x 1"	5	
0940930013	32 x 1 1/4"	3	
0940930008	40 x 1 1/4"	3	
0940930009	50 x 1 1/2"	3	
0940930010	63 x 2"	2	



Adaptor male thread hexagon



CODE	DIMENSION		€ 
0940932011	32 x 3/4"	4	
0940932005	32 x 1"	4	
0940932012	32 x 1 1/4"	4	
0940932008	40 x 1 1/4"	3	
0940932009	50 x 1 1/2"	3	
0940932010	63 x 2"	2	


Elbow 90° female thread hexagon



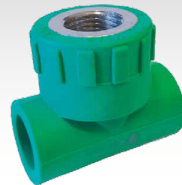
CODE	DIMENSION		€ 
0940950007	32 x 1"	4	
0940950008	40 x 1 1/4"	3	
0940950009	50 x 1 1/2"	3	
0940950010	63 x 2"	2	


Elbow 90° male thread



CODE	DIMENSION		€ pc.
0940952001	20 x ½"	10	
0940952002	20 x ¾"	5	
0940952003	25 x ½"	5	
0940952004	25 x ¾"	5	
0940952005	32 x ½"	3	
0940952006	32 x ¾"	3	


Tee female thread



CODE	DIMENSION		€ pc.
0940940001	20 x ½" x 20	10	
0940940002	20 x ¾" x 20	6	
0940940003	25 x ½" x 25	6	
0940940004	25 x ¾" x 25	6	
0940940005	32 x ½" x 32	3	
0940940006	32 x ¾" x 32	3	


Tee male thread hexagon



CODE	DIMENSION		€ pc.
0940942007	32 x 1" x 32	3	
0940942008	40 x 1¼" x 40	3	
0940942009	50 x 1½" x 50	2	
0940942010	63 x 2" x 63	2	


Elbow 90° male thread hexagon



CODE	DIMENSION		€ pc.
0940952007	32 x 1"	3	
0940952008	40 x 1¼"	3	
0940952009	50 x 1½"	2	
0940952010	63 x 2"	2	


Tee female thread hexagon



CODE	DIMENSION		€ pc.
0940940007	32 x 1" x 32	3	
0940940008	40 x 1¼" x 40	3	
0940940009	50 x 1½" x 50	2	
0940940010	63 x 2" x 63	2	


Tee male thread



CODE	DIMENSION		€ pc.
0940942001	20 x ½" x 20	10	
0940942002	20 x ¾" x 20	5	
0940942003	25 x ½" x 25	5	
0940942004	25 x ¾" x 25	5	
0940942005	32 x ½" x 32	3	
0940942006	32 x ¾" x 32	3	


Female seated elbow



CODE	DIMENSION		€ pc.
0940951001	20 x ½"	5	


Bend female



CODE	DIMENSION		€ pc.
0940285001	Ø20	10	
0940285002	Ø25	10	
0940285003	Ø32	10	


End cap



CODE	DIMENSION		€ pc.
0940185001	Ø20	50	
0940185002	Ø25	30	
0940185003	Ø32	20	
0940185004	Ø40	10	
0940185005	Ø50	10	
0940185006	Ø63	5	


Long bypass bend



CODE	DIMENSION		€ pc.
0940860001	Ø20	10	
0940860002	Ø25	10	
0940860003	Ø32	5	


Double elbow female



CODE	DIMENSION		€ pc.
0940951001	20 x ½"	5	


Fitting cross



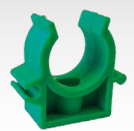
CODE	DIMENSION		€ pc.
0940241001	Ø20	10	
0940241002	Ø25	10	
0940241003	Ø32	10	


Male end cap



CODE	DIMENSION		€ pc.
0940905001	1/2"	20	
0940905002	3/4"	10	
0940905003	1"	10	

Single Bracket



CODE	DIMENSION		€ pc.
0940908001	Ø20	50	
0940908002	Ø25	25	
0940908003	Ø32	20	
0940908004	Ø40	10	

Wall ball valve



CODE	DIMENSION		€ pc.
0940880001	Ø20	1	
0940880002	Ø25	1	
0940880003	Ø32	1	

Long axis ball valve



CODE	DIMENSION		€ pc.
0940890001	Ø20	1	
0940890002	Ø25	1	
0940890003	Ø32	1	

Concealed valve



CODE	DIMENSION		€ pc.
0940211001	Ø20	1	

Ball valve (on-off) with plastic handle



CODE	DIMENSION		€ pc.
0940907001	Ø20	1	

Tools for PPR pipes and fittings

PPR Pipe cutter



CODE	DIMENSION		€ pc.
0940903001	Ø16-40	1	

Aluminium / Plastic pipe cutter



CODE	DIMENSION		€ pc.
0940903002	Ø14-32	1	

Welding machine

CODE	DIMENSION		€ pc.
0940901010	Ø20-63	1	



Welding machine 1000W Digital

CODE	DIMENSION		€ pc.
0940901040	Ø20-63	1	



Welding moulds

CODE	DIMENSION		€ pc.	CODE	DIMENSION		€ pc.
0940902001	Ø20	1	2,450	0940902004	Ø40	1	
0940902002	Ø25	1	2,850	0940902005	Ø50	1	
0940902003	Ø32	1	3,400	0940902006	Ø63	1	





website page



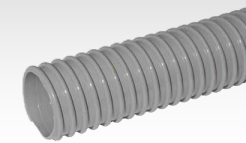
promo video



The revolutionary drainage system SOLIDRAINS® consists of flexible spiral outside and smooth inside PVC pipes and PVC fittings. This system provides high standards of resistance and sealing for the operating conditions of the domestic drainage network or industrial installations. These pipes are suitable for waste water. SOLIDRAINS® system is patented and SOLIN S.A. is the only Greek company that produces it.

Advantages

- ▶ *Easy and quick installation*
- ▶ *Easy stock*
- ▶ *Reliable system*
- ▶ *Flexibility in installation, it can follow any prearranged direction on the floor due to the pipe's flexibility*
- ▶ *This system (both pipes and fittings) is made from PVC material that is already successfully tested at the drainage systems for many years.*
- ▶ *Easy transportation, since this system can be transferred with private car.*



Grey flexible spiral pipe
PVC Ø57/50 for floor
water trap outlet to
central drainage system



CODE		€ 
1190575080	10m	



Grey flexible spiral pipe
PVC Ø40/32 for floor
watertrap inlet



CODE		€ 
1190403280	20m	



White flexible spiral pipe
PVC Ø37/32 for wash
basin's water trap type "S"



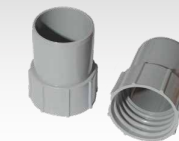
CODE		€ 
1190373210	10m	



Grey coupling Ø57/63 for
central drainage system
(F)



CODE		€ 
1990576380	50	



Grey coupling Ø57/50 for
water trap outlet (F)



CODE		€ 
1990575080	50	



Grey coupling Ø57/43 for
semi-tee connection (M)



CODE		€ 
1990574380	50	



Grey coupling Ø40/40 for
water trap inlet (M)



CODE		€ 
1990404080	120	



Grey coupling Ø40/45
for connection and
extension of PVC pipes (F)



CODE		€ 
1990404580	50	



White coupling Ø37/32 for wash basin's water trap terminal type "S"



CODE		€ 
1990373210	100	



White adaptor Ø37 x 1 ¼" for wash-basin's water trap initial type "S"



CODE		€ 
1990371480	100	



Grey bend for bath-tub with brass adaptor



CODE	DIMENSION		€ 
1990153280	Ø32 x 1 ½"	80	
1990143280	Ø32 x 1 ¼"	100	



Grey bend for bath-tub with plastic adaptor



CODE	DIMENSION		€ 
1990153288	Ø32 x 1 ½"	80	
1990143288	Ø32 x 1 ¼"	100	



Grey bend Ø32 x 44 for wash-basin discharge with rubber seal



CODE		€ 
1990324480	60	



Floor water trap



CODE		€ 
0990500080	1	



Floor water trap Ø50



CODE		€ 
0990500001	1	



Floor water trap VALSIR Ø50



CODE		€ 
0990500083	1	



SOLISEAL waterproofing-adhesive-sealing material



CODE	CAN		€ 
1990000280	280ml.	12	
1990000008	80ml.	14 or 28	

SOLVENT PVC Heavy Body glue



CODE	CAN		€ 
0990250010	220ml.	1	
0990500010	450ml.	1	

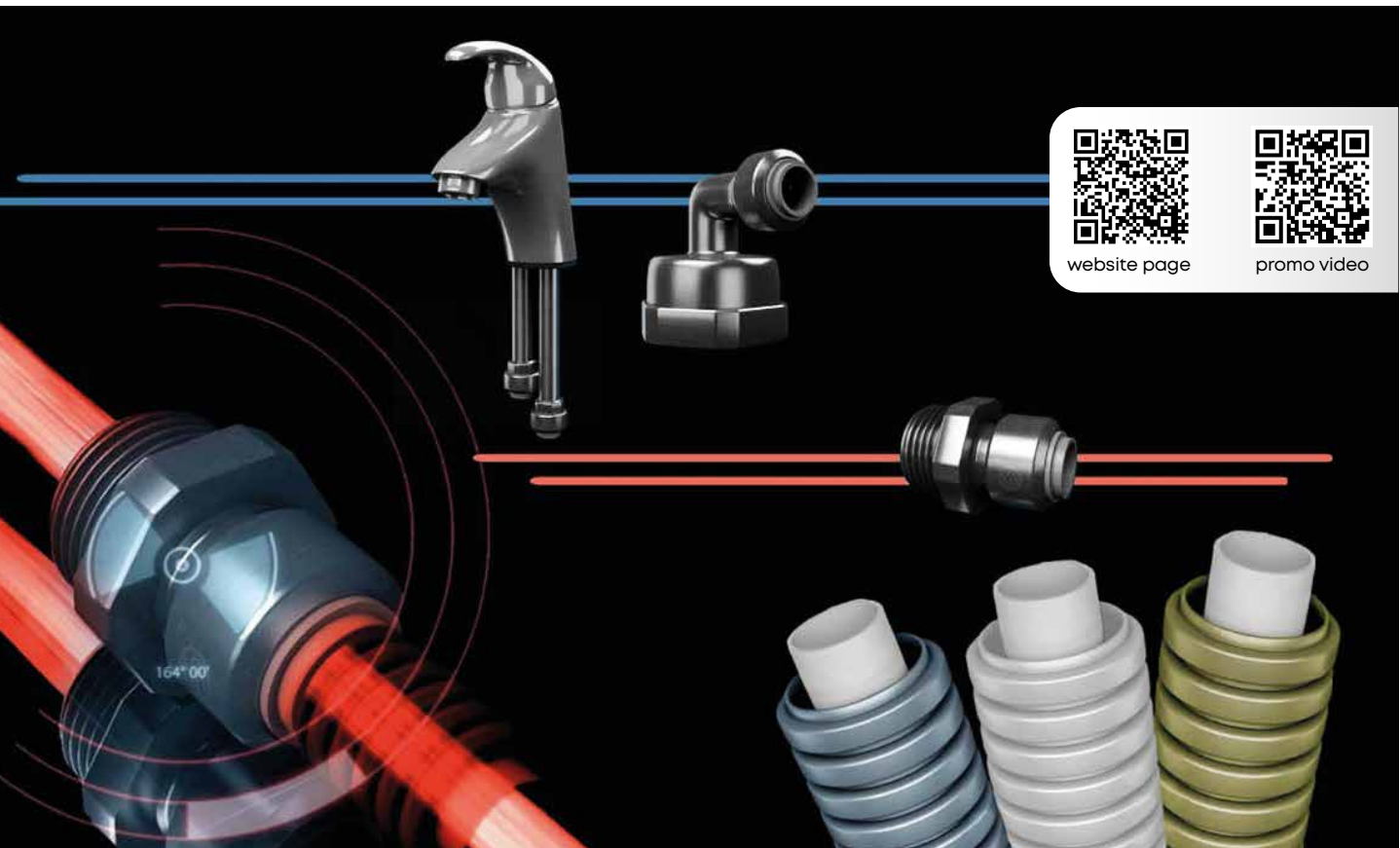
Solidrains spare parts

DESCRIPTION	CODE	€ 
Rubber seal of the grey bend	0990324420	
Bronze nut 1 ½" of the grey bend for bath-tub	0990112090	
Bronze nut 1 ¼" of the grey bend for bath-tub	0990114090	
White coupling Ø37	1990373210	
Grey bend Ø32 x 44 for wash-basin discharge without rubber seal	1990324489	
Grey bend 1 ½" x Ø32 for bath tube without nut and flange	0990123280	
Flange 1 ½"	0990112020	
Flange 1 ¼"	0990114020	
Extension-elevation of water trap	0990500002	

SANIFLEX

(pipes & fittings)

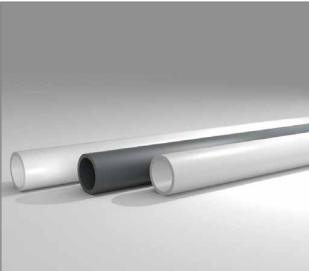





Bath system
for hot and cold water supply



The unique bath system for cold and hot water supply, SANIFLEX, consists of chrome plated speed fit, with PEX-b pipes of special dimension (Ø10x1,4) or PERT pipes (Ø8x1). It replaces the flexible pipes that connect hot-cold water in bathrooms.

This system offers easy stock, durability, speed installation and good aesthetics since the pipes are covered with corrugated pipe of white, gold and silver color. The speed fits are available in dimensions 3/8", 1/2" and 3/4" with male or female thread.

SANIFLEX plastic pipes are suitable to transfer hot water up to 95°C under pressure. They are certified from the German institutes SKZ (certificate of resistance to high temperatures and pressures) as well as from the English WRAS for their suitability in drinking water networks.

	CONNECTING PIPES	CODE		€ 
	Pipe PE-Xb Ø10 x 1,4 (white)	1110101410	25m	
	Pipe PB Ø8 x 1 (grey)	1150081080	25m	
	Pipe PERT Ø8 x 1 (white)	1170081010	25m	
	CORRUGATED PIPES	CODE		€ 
	Spiral Ø16 (10) white	1120161010	25m	
	Spiral Ø16 (10) silver or gold	1120161070	25m	

Saniflex Products

	ANGLE SPEED FIT	CODE		€ 
	Angle speed fit for washing machine Ø10 x 3/4"(f) (with free nut) chrome plated	0991103400	1	
	DISCONNECTOR	CODE		€ 
	Plastic disconnecter of speed fit Ø8	0991081200	50	
	SPEED FIT Ø8	CODE		€ 
	Speed fit Ø8 x 1/2" (F) chrome plated	0991081201	10	
	Speed fit Ø8 x 3/8" (F) chrome plated	0991083801	10	
	Speed fit Ø8 x 3/4" (F) chrome plated	0991083401	10	
	Speed fit Ø8 x 1/2" (M) chrome plated	0991081202	10	
	SPEED FIT Ø10	CODE		€ 
	Speed fit Ø10 x 1/2" (F) chrome plated	0991101201	10	
	Speed fit Ø10 x 3/8" (F) chrome plated	0991103802	10	
	Speed fit Ø10 x 3/4" (F) chrome plated	0991103401	10	
	SET OF SPEED FIT	CODE		€ 
	Set of speed fit for mixing faucet	0991081000	1	
	SET SANIFLEX WITH SPEED FIT	CODE		€ 
	Set Saniflex with speed fit 3/8"(F)	1991380001	1	
	Set Saniflex with speed fit 1/2"(F)	1991120001	1	
	Set Saniflex with speed fit 3/4"(F)	1991340001	1	

EACH PACKAGE INCLUDES: 3m Ø10 pipe / 3m spiral / 10 speed fits / 1 disconnecter.

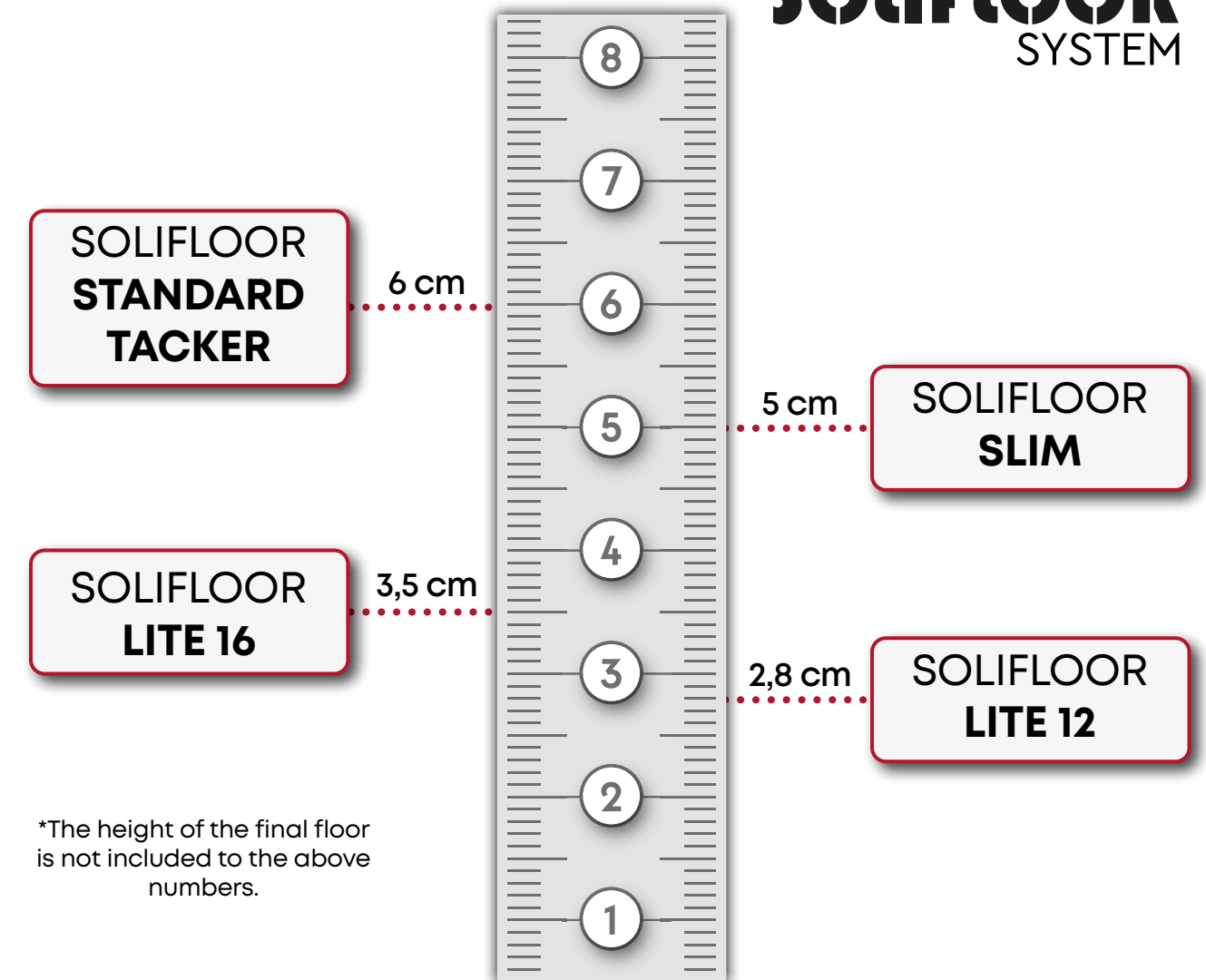


UNDERFLOOR HEATING SYSTEMS

SOLIN offers a complete range of underfloor heating systems under the brand name Solifloor® :

- **Standard:** Traditional underfloor heating system, with castellated insulation panels of expanded polystyrene with a total height of 40mm, coated with polystyrene sheet for vapour barrier.
- **Slim:** Underfloor heating system, with hard polystyrene sheet, providing the freedom to choose the thickness of the floor insulation (10mm or 30mm).
- **Tacker:** Underfloor heating system with expanded polystyrene (EPS) insulation, surface coated with a polyethylene cladding sheet, with printed raster grid. It allows the easy, quick, yet precise laying of the pipe, using the special tacker tool.
- **Lite 12 & Lite 16:** Dry underfloor heating systems with extruded polystyrene insulating boards (XPS). Ideal choice for old residences renovations and for cases where conditions do not allow the installation of traditional underfloor heating system.

SOLIFLOOR
SYSTEM



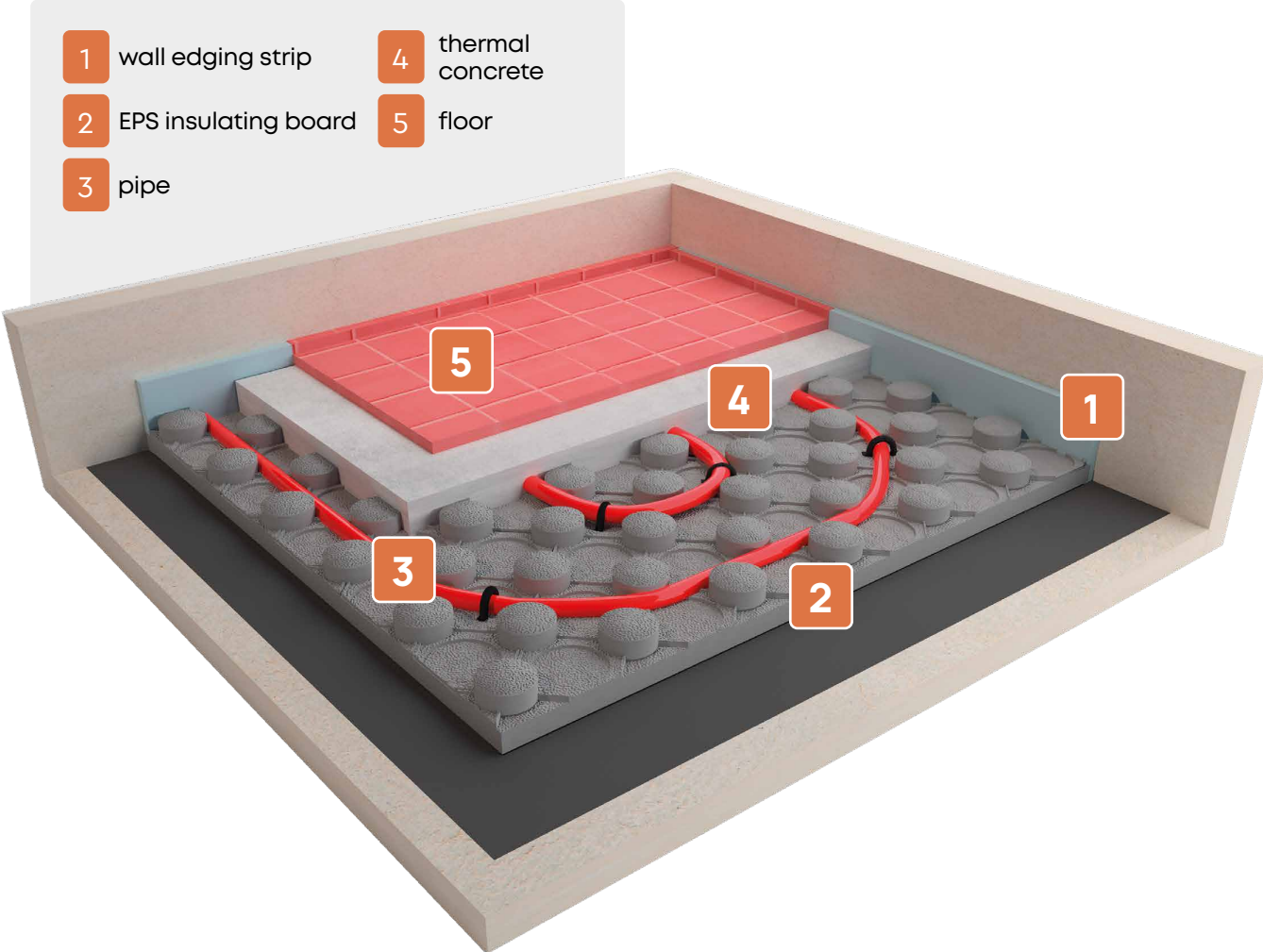
Minimum heights of underfloor heating systems

Digital visualization

In our aim to provide qualitative and reliable solutions to our customers, we offer detailed calculation and digital depiction of the underfloor heating system, as well as full consulting support for any issue regarding the installation.



SOLIFLOOR **STANDARD**



The Solifloor Standard system has as base an expanded polystyrene insulating board, called Soliboard Standard. It is castellated, which allows the pipes to be perfectly fitted and supported. Due to board's geometry, the pipe is fully covered with thermal concrete and this results to the absorption and equal distribution of the thermal load carried by the pipe. Main advantages of the system: easy and quick installation, minimum maintenance requirements, durability and low operating cost.

TECHNICAL SPECIFICATIONS:

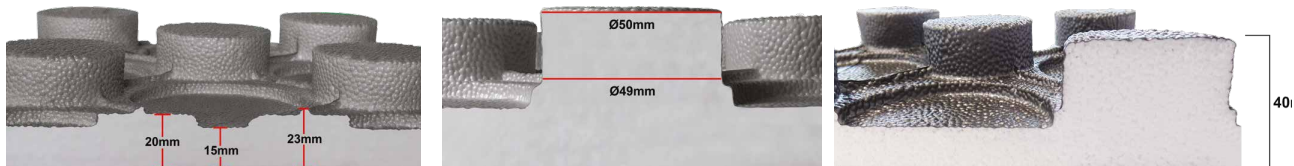
- Thermal insulation density (according to EN 1602): 32 kg/m²
- Thermal conductivity coefficient (per EN 12667): 0.0316 W/mk
 - Compressive strength (per EN 826): 245 kPa
 - Fire resistance (according to EN 13501-1): Class E
 - Distance from centre to centre of pipe: 60 mm
 - Suitable for pipe diameter 16 to 18 mm

Accessories for SOLIFLOOR **STANDARD** system





Soliboard **Standard**

EPS expanded polystyrene insulating board with vapour barrier (PE film) and thermal insulation density 32kg/m², dimensions 720x720 mm and thickness 40mm. Allows compliance with the spacing of the circuits with a step 6cm from centre to centre of pipe.

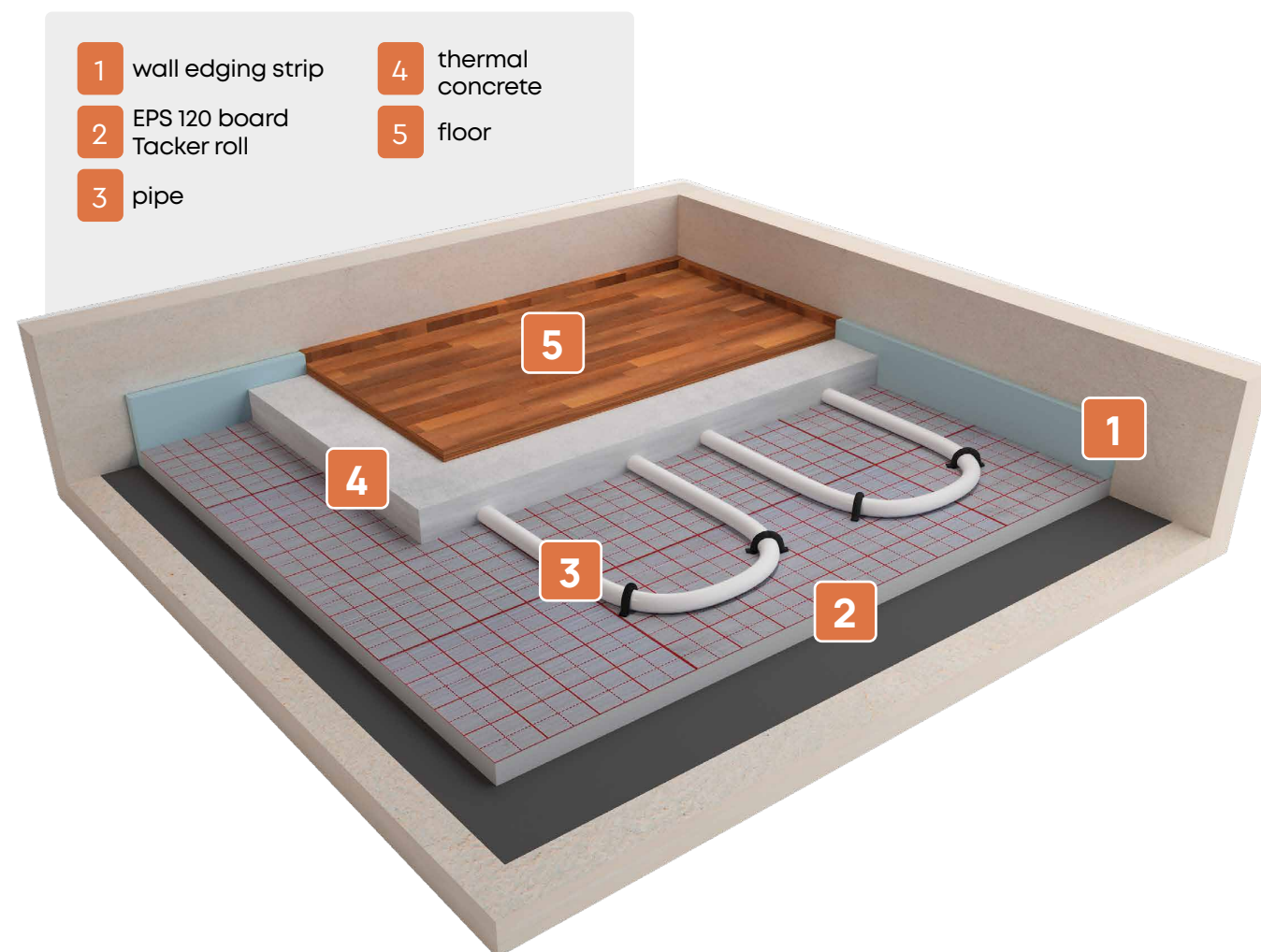


CODE	PIPE DIMENSION	DIMENSION X / Y / Z mm	PIECES (per parcel)	PRICE / m ² (euro €)
0892100008	Ø16 / 17 / 18	720 x 720 x 40	10 panels (5,1m ²)	

TACKER GUN  p.62	CLIPS FOR TACKER GUN  p.62	WALL EDGING STRIP  p.63	EDGING STRIP (ADHESIVE)  p.63
EXPANSION JOINT  p.63	BEND SUPPORT  p.64	CONCRETE PLASTICIZER  p.64	POLYPROPYLENE FIBRES  p.64
AL-PERT-SOL PIPE  p.65	RETIFLEX-NOXY PIPE  p.65	OCTATHERM-NOXY PIPE  p.65	FLEXITHERM-NOXY PIPE  p.65
NOXY-AL PIPE  p.65	DIGITAL THERMOSTAT  p.71		

SOLIFLOOR

TACKER



The Solifloor Tacker System provides complete freedom in the design and installation of heating pipes. It consists of EPS insulating surface-coated with a polyethylene coating sheet with a printed raster. It is used in underfloor heating systems, providing thermal proof and soundproof as well as damp proofing. The printed grid pattern with graduated installation on the surface of 50mm constitutes the visual guide of the installer, allowing the easy, quick and precise pipe structure with the use of the special tool, named tacker.

TECHNICAL SPECIFICATIONS:

- Density (according to EN 1602): 17 kg/m³
- Thermal conductivity coefficient (according to EN 12667): ≤ 0.035 W/m.K
- Compressive strength (according to EN 826): 120 kPa
- Fire resistance (according to EN 13501-1): Class E
- Water absorption (according to EN 12087): ≤ 3%

Accessories for SOLIFLOOR TACKER system



Soliboard Tacker (roll)

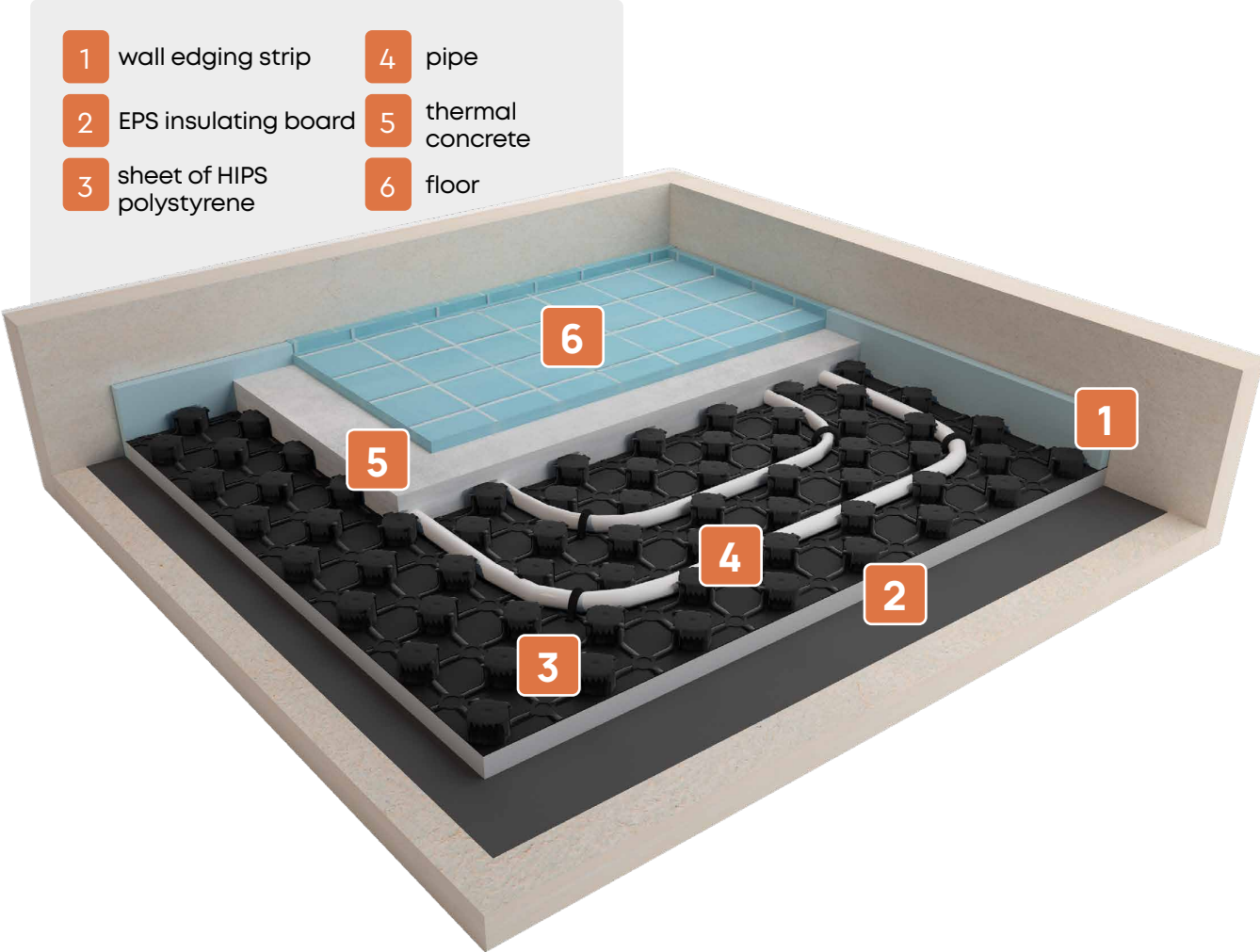
EPS expanded polystyrene insulating board (roll) with very low coefficient of thermal conductivity, high compression resistance and low water absorption. Easy to apply, environmental friendly, it is an excellent technical and cost-effective choice.

CODE	THICKNESS mm	DIMENSION mm	PRICE / m ² (euro €)
0892100043	20	1000 x 10000	
0892100044	30	1000 x 10000	



SOLIFLOOR

SLIM



The Solifloor Slim system is a combination of the Soliboard Slim high impact polystyrene sheet with EPS insulation, 10 or 30mm thickness, for creating the optimal thermal insulating base for its operation. EPS insulation proposed as a base of the system offers thermal proof and soundproof, high resistance to compression and low water absorption.

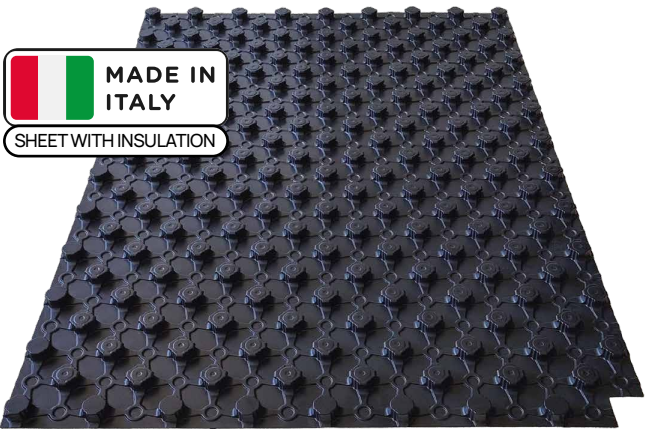
TECHNICAL SPECIFICATIONS:
(without insulation)

- Thermal conductivity coefficient (per EN 13164): 0.033 W/mk
- Compressive strength (per EN 826): 300 kPa
- Water vapour diffusion resistance (according to EN 12086): 100
- Water absorption (according to EN 12087): 1,5%

TECHNICAL SPECIFICATIONS:
(with 10 or 30mm insulation)

- Thermal conductivity coefficient (per EN12667): 0.033 W/mk
- Compressive strength (per EN 826): 300 kPa
- Water vapour diffusion resistance (according to EN 12086): 100
- Water absorption (according to EN 12087): 1,5%

Accessories for SOLIFLOOR **SLIM** system



Soliboard **Slim**

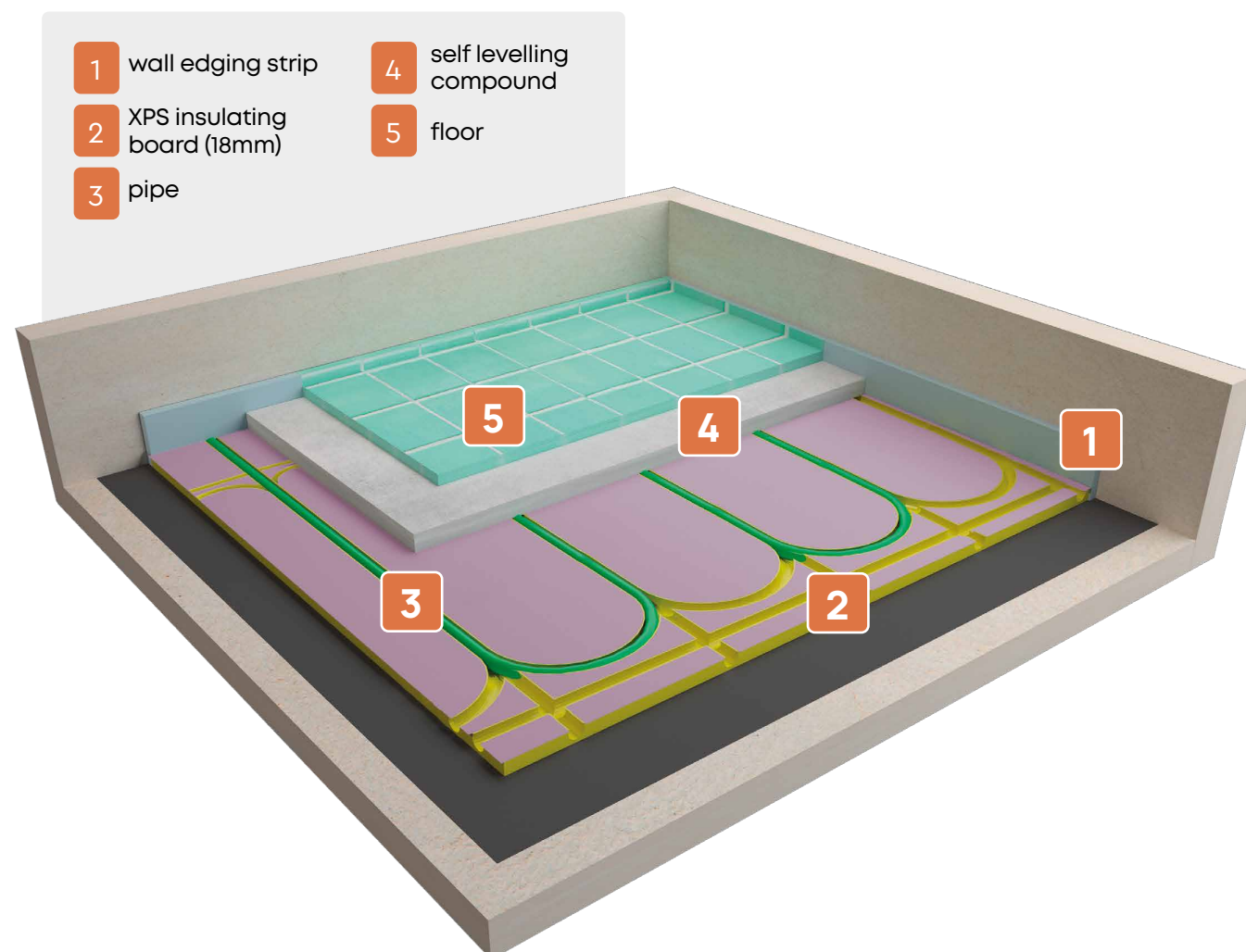
Black high impact polystyrene sheet (HIPS) with or without insulation, for restraining the installed pipes, so as to succeed perfect fit on the panel. Proper configuration with multiple nodes for securing quick and stable pipe installation. It allows the allocation of the circuits with minimum 5cm pitch.

CODE	DESCRIPTION	PIPE DIMENSION	MATERIAL	DIMENSION X / Y / Z mm	PACKAGING pcs.	PRICE / m ² (euro €)
0892100029	without insulation	Ø16/17/18	Polystyrene (PS) 0,9mm	1150 x 850 x 21	23	
0892100062	with EPS insulation (10mm)	Ø16/17	Polystyrene (PS) 0,5mm	1400 x 800 x 32	22	
0892100070	with EPS insulation (30mm)	Ø16/17	Polystyrene (PS) 0,5mm	1400 x 800 x 52	12	



SOLIFLOOR

LITE 12

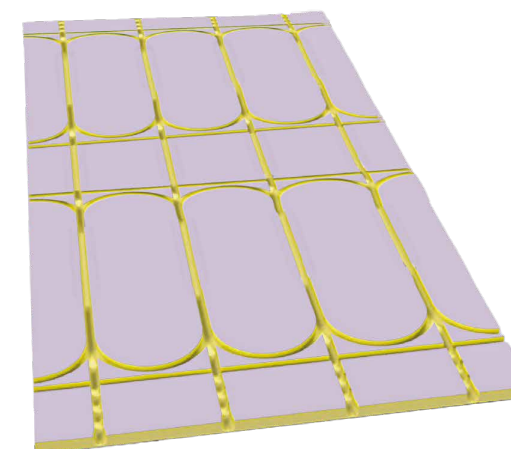


Dry floor heating system with the lowest possible floor height (only 28mm). The base of the system is the extruded polystyrene insulating board, called Soliboard Lite 12, designed for easy and quick installation (self-adhesive on the surface), for excellent application and optimal thermal performance. The special self-adhesive mixture before the floor, ensures equal heat distribution and high system consistency. Solifloor Lite 12 system is ideal for renovation projects and for cases that traditional underfloor heating systems can't be used. Suitable for any type of floor.

TECHNICAL SPECIFICATIONS:

- Density (according to EN 1607): 32 kg/m³
- Thermal conductivity coefficient (according to EN 13164): 0.034 W/m.K
 - Compressive strength (according to EN 826): 300kPa
 - Fire resistance (according to EN 13501-1): Class E
 - Water absorption (according to EN 12087): ≤ 1.0% vol.

Accessories for SOLIFLOOR LITE 12 system



Soliboard LITE 12

High quality XPS insulation with adhesive at the bottom of the board and primer coating on the surface. Suitable for installation on flat or levelled concrete or wood floors with primer. The slab has specially designed notches for pipe installation, ensuring an excellent fit and maximum thermal performance. Distance between pipes 15cm.

CODE	PIPE DIMENSION	DISTANCE (mm)	DIMENSION X / Y / Z mm	PRICE / m2 (euro €)
0892100046	Ø12	150	1200 x 600 x 18	

FITTINGS



WALL EDGING STRIP



BEND SUPPORT



ACRYLIC PRIMER



SELF LEVELLING COMPOUND



OCTATHERM-NOXY PIPE



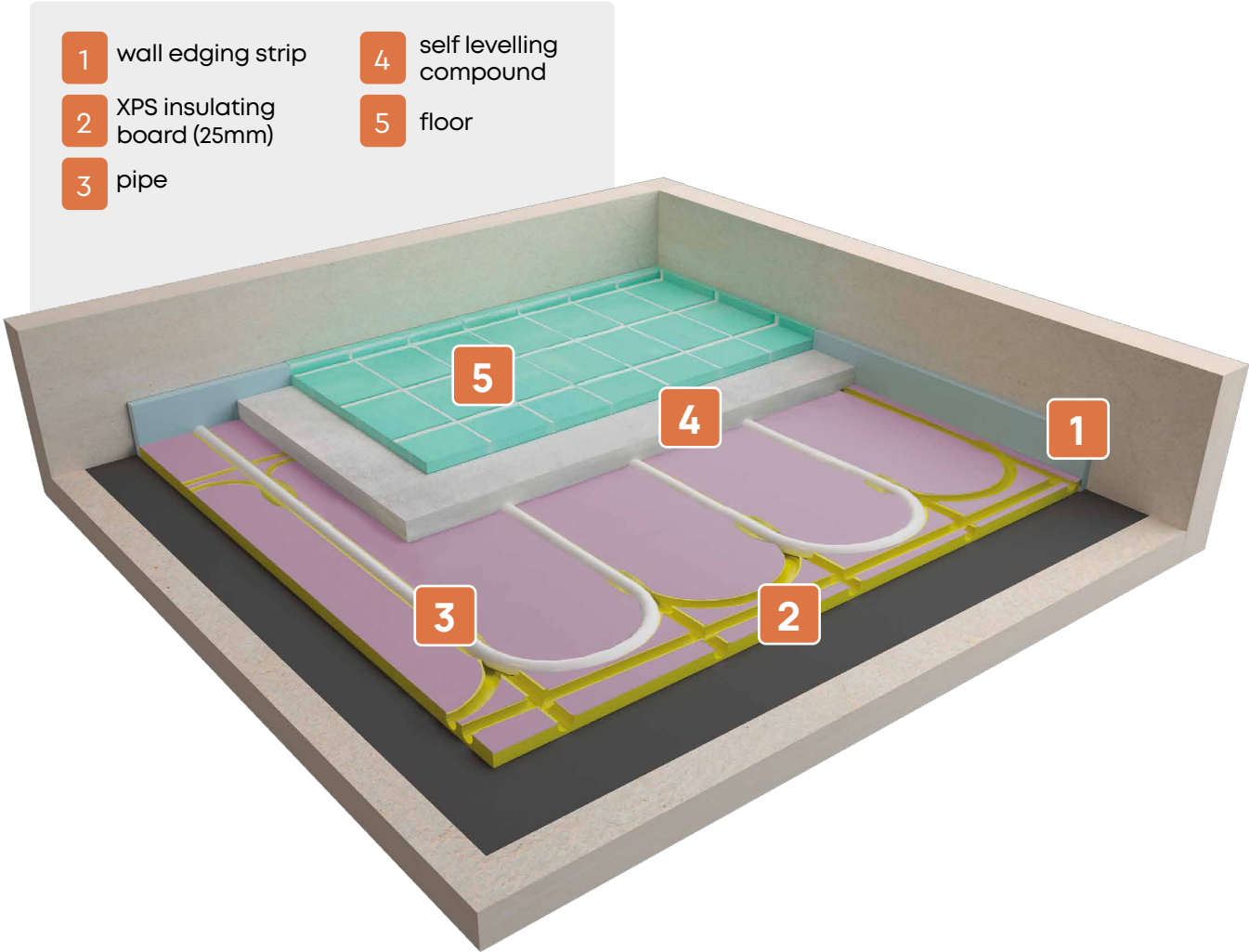
DIGITAL THERMOSTAT



* in 12x1,5 mm dimension

SOLIFLOOR

LITE 16

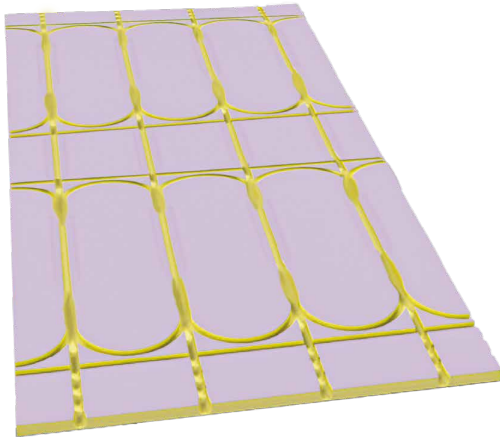


The base of the system is the extruded polystyrene insulating board, called Soliboard Lite 16, designed for easy and quick installation (self-adhesive on the surface), for excellent application and optimal thermal performance. The special self-adhesive mixture before the floor, ensures equal heat distribution and high system consistency. Solifloor Lite 16 system is ideal for renovation projects and for cases that traditional underfloor heating systems can't be used. Suitable for any type of floor.

TECHNICAL SPECIFICATIONS:

- Density (according to EN 1607): 32 kg/m3
- Thermal conductivity coefficient (according to EN 13164): 0.034 W/m.K
 - Compressive strength (according to EN 826): 300kPa
 - Fire resistance (according to EN 13501-1): Class E
 - Water absorption (according to EN 12087): ≤ 1.0% vol.

Accessories for SOLIFLOOR LITE 16 system



Soliboard LITE 16

High quality XPS insulation with adhesive at the bottom of the board and primer coating on the surface. Suitable for installation on flat or levelled concrete or wood floors with primer. The slab has specially designed notches for pipe installation, ensuring an excellent fit and maximum thermal performance. Distance between pipes 15cm.

CODE	PIPE DIMENSION	DISTANCE (mm)	DIMENSION X / Y / Z mm	PRICE / m2 (euro €)
0892100047	Ø16	150	1200 x 600 x 25	

WALL EDGING STRIP



p.63

BEND SUPPORT



p.64

ACRYLIC PRIMER



p.64

SELF LEVELLING COMPOUND



p.64

AL-PERT-SOL PIPE



p.65

RETIFLEX-NOXY PIPE



p.65

OCTATHERM-NOXY PIPE



p.65

FLEXITHERM-NOXY PIPE



p.65

NOXY-AL PIPE



p.65

DIGITAL THERMOSTAT

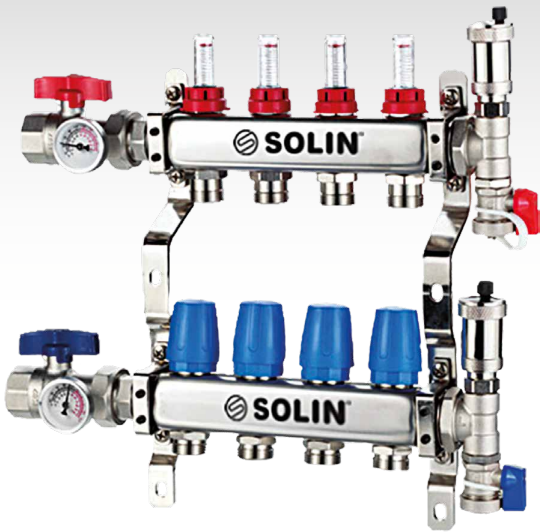


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Manifolds & Accessories

Set of stainless steel Manifolds

CODE	SIZE	€/SET
0996048001	2 Ways	
0996048002	3 Ways	
0996048003	4 Ways	
0996048004	5 Ways	
0996048005	6 Ways	
0996048006	7 Ways	
0996048007	8 Ways	
0996048008	9 Ways	
0996048009	10 Ways	
0996048010	11 Ways	
0996048011	12 Ways	



Preassembled manifold for underfloor heating system composed of:

- 1 delivery manifold with flow meters
- 1 return manifold with shut off valves with manual handwheels (compatible with thermo-electric actuators)
- Set of metal brackets
- Ball valve with thermometer
- End piece with automatic airvent and drain/filling valve

Manifold cabinet

CODE	DIMENSION (mm)	€/pc.
0892100063	400 x 810	
0892100064	500 x 810	
0892100065	600 x 810	
0892100066	700 x 810	
0892100067	850 x 810	
0892100068	1000 x 810	
0892100069	1200 x 810	



Ball valve with thermometer



CODE	DIMENSION	↓	€/pc.
0996041001	1"	1	

Flowmeter



CODE	DIMENSION	↓	€/pc.
0996042001	3/4"	1	

Tail fitting



CODE	DIMENSION	↓	€/pc.
0996044001	1" x 1/2" x 1/2"	1	

Automatic air vent



CODE	DIMENSION	↓	€/pc.
0996046001	1/2"	1	

Fittings for "SOLIFLOOR Lite-12" system

	CODE	DESCRIPTION	DIMENSION	€/pc.
1	0996049007	push-in fitting	3/8" x 12	
2	0996049008	double push-in fitting	3/8" x 12	
3	0996049009	fitting lock	Ø12	
4	0996049010	reducer	3/4" x 3/8"	



*Fittings are not sold separately, supplied only with "Solifloor Lite system 12".

Pipe Adaptor 3/4" for manifolds



CODE	DIMENSION	↓	€/pc.
0996049001	3/4" x 16 x 2	1	
0996049002	3/4" x 16 x 2,2	1	
0996049003	3/4" x 17 x 2	1	
0996049004	3/4" x 17 x 2,5	1	
0996049005	3/4" x 18 x 2	1	
0996049006*	3/4" x 16 x 2*	1	

*for multilayer pipe

Set of brackets



CODE	DIMENSION	↓	€/pc.
0996043001	1"	1	

Underfloor heating accessories & materials

Tacker Gun

CODE		€ pc.
0892100001	1	



Clips for Tacker Gun



CODE	DIMENSION		€ pc.
0892100002	4cm	300pcs/box	

Tacker Gun with inspection slot

CODE		€ pc.
0892100001	1	

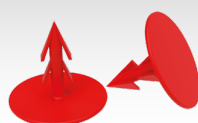


Clips for Tacker Gun with inspection slot



CODE	DIMENSION		€ pc.
0892100052	3,8cm	100pcs/box	
0892100045	3,5cm	100pcs/box	

Foil mounting clip



CODE	DIMENSION	DIAMETER		€ pc.
0892100061	3cm	Ø35	200pcs	

Clips for pipes without strip



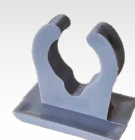
CODE	DIMENSION		€ pc.
0892100005	5cm	300pcs/box	

Buckle for castellated boards



CODE	DIMENSION X/Y/Z (mm)		€ pc.
0892100016	28 x 90 x 14	100pcs/box	

Clips for metal mesh

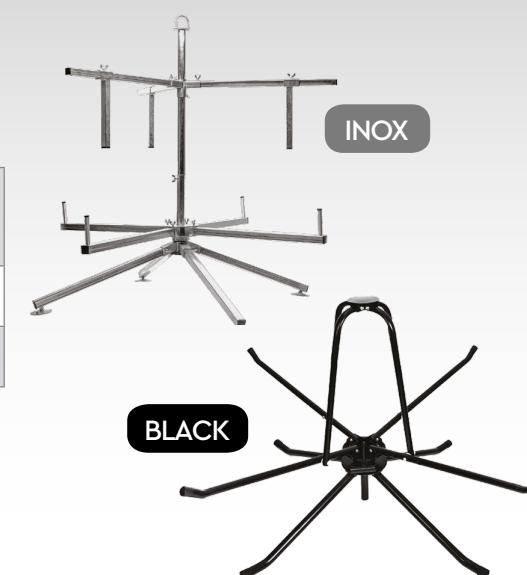


CODE	DIMENSION	€ pc.
1992161810	Ø16-18	

Pipe decoiler

CODE	COLOUR	€ pc.
0892100013	INOX	
0892100060	BLACK	

The pipe decoiler is used to quickly unroll the pipes during the installation of underfloor heating. It is made of high quality stainless steel, offering durability for many years of use. The easy assembly and disassembly of the structure allows its quick transportation.



Thermal cutter

CODE	POWER SUPPLY (V)	€ pc.
0892100014	230	

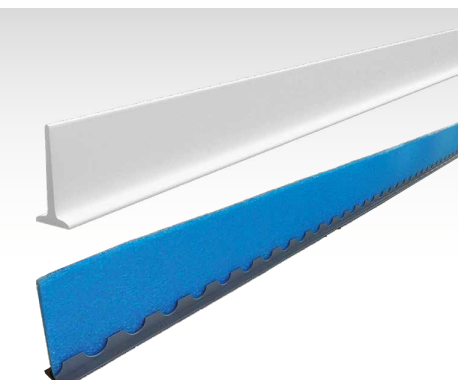


Thermal cutting tool, designed for cutting notches on dry building elements. It is recommended for light use for creating grooves in expanded or extruded polystyrene panels. The 3m long power cable allows working in a wide (range of) space.

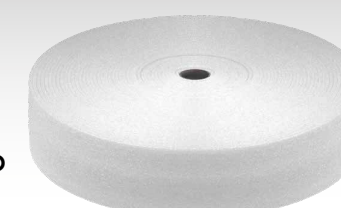
- **Supply voltage:** 230V - 50Hz. • **Consumed power:** 90 Watt. • **Cutting blade heating time:** 5-8 sec.
- **Operating cycle:** 15 sec / 45 sec. • **Weight:** 600g.

Expansion joint

CODE	DIMENSION	€ pc.
0996052005 ○	1000 x 120 x 18 x 60	
0996052007 ●	2000 x 230 x 280	



Wall edging strip



CODE		€ m
0892100006	50 meters / roll	

Wall edging strip with self-adhesive back



CODE		€ m
0892100053	50 meters / roll	

Bend support



CODE	DIMENSION		€ pc.
0892100003	16mm	1	
0892100004	20mm	1	

Concrete plasticizer



CODE		€ Kg
0996052002	20kg	

It improves the composition of the thermal concrete, increasing its strength, waterproofing and fluidity. It offers a reduction in concretes permeability of water due to the optimisation of condensation and the reduction of porosity. Reduces the amount of mixing water required and improves the hydration of the cement.

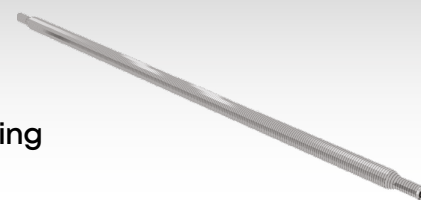
Self-leveling compound



CODE		€ Kg
0892100050	30kg	

NE 499 Superlivellina is a premixed fluid screed, for interiors, of the latest generation, composed of various types of sulphates and alpha-sulphates of calcium, fluidizers and selected special aggregates. NE 499 Superlivellina is particularly suitable for application on underfloor heating systems, with only 10 mm thickness above traditional system and for application in lowered underfloor heating systems (anchored to the substrate) with only 5 mm above the system.

Internal bending spring



CODE	DIMENSION		€ pc.
0994060009	16 x 2	1	
0994060011	18 x 2	1	
0994060010	20 x 2	1	
0994060012	26 x 3	1	
0994060013	32 x 3	1	

Polypropylene fibres



CODE		€ pc.
0996052003	900gr	

They eliminate cracks caused by coagulation contraction and temperature changes. They increase initial strengths, elasticity and resistance to friction and impact.

Acrylic primer



CODE		€ Kg
0892100051	5 kg	
0892100040	20 kg	

Ready-to-use water primer, with high penetration. It offers stabilization of loose substrates and improves waterproof characteristic, it provides the adhesion of coatings and ensures a uniform surface in the final paint.

Underfloor heating pipes

AL-PERT-SOL

Multilayer pipe with aluminium (PERT/AL/PERT)

In dimensions : 16x2, 18x2



RETIFLEX - NOXY

Polyethylene cross-linked pipe (PEX-b) with a three or five layer oxygen barrier.

In dimensions : 16x2, 17x2, 18x2



OCTATHERM - NOXY

High temperature polyethylene pipe (PE-RT) with three or five layer oxygen barrier.

In dimensions : 12x1.5, 16x2, 17x2, 18x2



FLEXITHERM - NOXY

Polybutylene pipe (Pb-I) with three or five layer oxygen barrier.

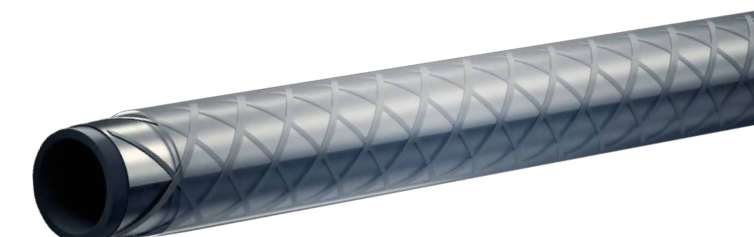
In dimensions : 16x2, 18x2



NOXY-AL

Multi-layer plastic pipe (PB/PERT-AL).



In dimensions : 16x2, 16x2.2, 17x2.5



Fittings (Chrome plated)



Male thread coupling



CODE	DIMENSION		€ 
03745	16 x ½"	20	
03746	18 x ½"	10	
03830	20 x ½"	10	
07032	20 x ¾"	10	
03831	26 x 1"	5	
03832	32 x 1"	5	


Female thread coupling



CODE	DIMENSION		€ 
03747	16 x ½"	20	
03748	18 x ½"	10	
03833	20 x ½"	10	
04018	20 x ¾"	10	
03834	26 x 1"	5	
03835	32 x 1"	5	



Coupling



CODE	DIMENSION		€ 
03770	16 x 16	10	
03771	18 x 18	10	
03772	20 x 20	10	
03836	26 x 26	5	
03837	32 x 32	5	



Female thread elbow 90°



CODE	DIMENSION		€ 
03723	16 x ½"	10	
03724	18 x ½"	10	
03725	20 x ½"	10	
07034	20 x ¾"	10	
03726	26 x ¾"	5	
03727	26 x 1"	5	
03728	32 x 1"	5	



Elbow 90°



CODE	DIMENSION		€ 
03756	16 x 16	10	
03773	18 x 18	10	



Male thread elbow 90°



CODE	DIMENSION		€ 
03838	16 x ½"	10	
03839	18 x ½"	10	
03840	20 x ½"	10	
07033	20 x ¾"	10	
03722	26 x ¾"	5	
03841	26 x 1"	5	
03842	32 x 1"	5	



Male thread tee



CODE	DIMENSION		€ 
03729	16 x ½" x 16	10	
03730	18 x ½" x 18	10	
03731	20 x ½" x 20	10	
03732	26 x ¾" x 26	5	
03733	26 x 1" x 26	5	
03734	32 x 1" x 32	5	



Reducing tee



CODE	DIMENSION		€ 
03854	20 x 16 x 16	10	
03855	26 x 20 x 26	5	
03856	26 x 16 x 26	5	



Tee



CODE	DIMENSION		€ 
03852	16 x 16 x 16	10	
04041	18 x 18 x 18	5	
04042	20 x 20 x 20	5	
04043	26 x 26 x 26	5	
04044	32 x 32 x 32	5	



Female thread tee



CODE	DIMENSION		€ 
03847	16 x ½" x 16	10	
03848	18 x ½" x 18	10	
03849	20 x ½" x 20	5	
07035	20 x ¾" x 20	5	
03735	26 x ¾" x 26	5	
03850	26 x 1" x 26	5	
03851	32 x 1" x 32	5	

Wall mounted elbow 90°





CODE	DIMENSION		€ 
03857	16 x ½"	10	

Fittings (Brass)



Male thread coupling



CODE	DIMENSION		€ 
03865	15 x ½" x 2,5	20	
03749	16 x ½" x 2	20	
03867	18 x ½" x 2	20	
03825	18 x ½" x 2,5	10	
03750	22 x ¾" x 3	10	
03751	28 x 1" x 3	5	
03868	32 x 1" x 3	5	



Female thread coupling



CODE	DIMENSION		€ 
03869	15 x ½" x 2,5	20	
03752	16 x ½" x 2	20	
03870	18 x ½" x 2	10	
03754	18 x ½" x 2,5	10	
03753	22 x ¾" x 3	10	
03871	28 x 1" x 3	5	
03872	32 x 1" x 3	5	



Coupling



CODE	DIMENSION		€ 
03873	15 x 15 x 2,5	10	
03755	16 x 16 x 2	10	
03765	18 x 18 x 2	10	
03766	18 x 18 x 2,5	10	
03767	22 x 22 x 3	10	
03768	28 x 28 x 3	5	
03769	32 x 32 x 3	5	



Elbow 90°



CODE	DIMENSION		€ 
07049	16 x 16 x 2	10	
07050	18 x 18 x 2,5	10	
07051	18 x 18 x 2	10	
07052	22 x 22 x 3	5	
07053	28 x 28 x 3	5	
07054	32 x 32 x 3	2	



Male thread elbow 90°



CODE	DIMENSION		€ 
07036	15 x ½" x 2,5	10	
07037	16 x ½" x 2	10	
07038	18 x ½" x 2	10	
07039	18 x ½" x 2,5	10	
07040	22 x ¾" x 3	5	
07041	28 x 1" x 3	5	
07042	32 x 1" x 3	5	



Female thread elbow 90°



CODE	DIMENSION		€ 
07043	15 x ½" x 2,5	10	
07044	16 x ½" x 2	10	
07045	18 x ½" x 2,5	10	
07046	22 x ¾" x 3	5	
07047	28 x 1" x 3	5	
07048	32 x 1" x 3	5	



Tee



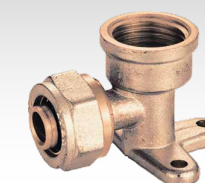
CODE	DIMENSION		€ 
07063	16 x 16 x 16 x 2	10	
07064	18 x 18 x 18 x 2	5	
07065	18 x 18 x 18 x 2,5	5	
07066	22 x 22 x 22 x 3	5	
07067	28 x 28 x 28 x 3	2	



Female thread tee



CODE	DIMENSION		€ 
07057	16 x ½" x 2,0	10	
07058	18 x ½" x 2,0	5	
07059	18 x ½" x 2,5	5	
07060	22 x ¾" x 3	5	
07061	28 x 1" x 3	2	
07062	32 x 1" x 3	2	


Wall mounted elbow 90°



CODE	DIMENSION		€ 
07055	16 x ½" x 2,0	10	
07056	18 x ½" x 2,5	10	

Instant electric water heater

Enersol Comfy Pro electric water heater

CODE	DIMENSION		€pc.
07222	35 x 21 x 7 cm	1	



The Enersol Comfy Pro electric water heater energy class A, is the ideal choice for providing hot water for sinks/washbasins. The innovative design and the ability to be quickly and easily installed makes it ideal both for private and business use. It is a cost saving choice, as it warms up only the amount of consumed water, thus saving energy compared to the consumption of the classic electric water heater.

TECHNICAL SPECIFICATIONS :

- ▶ Presetting of maximum power with available outputs from 3,5 - 6,5 Kw.
- ▶ Single phase.
- ▶ Maximum temperature limit setting - max 55°.
- ▶ Digital touch screen.
- ▶ Tempered glass front panel.
- ▶ Waterproof coefficient (IPX4).
- ▶ Brass threads.
- ▶ Electronic error diagnosis and protection against the lack of water.
- ▶ Operating pressure range: 2-6 bar.

Enersol Comfy Plus electric water heater

CODE	DIMENSION		€pc.
06913	39,8 x 26 x 6,5 cm	1	



The Enersol Comfy Plus electric water heater energy class A, with adjustable power up to 8.8kW, provides instant hot water when we need it, in the quantity and temperature we desire, thus saving energy. It can be used either as main hot water source or as supplementary to other systems, such as solar water heaters. Key quality features: tempered glass with digital touch screen, IPX4 waterproofing rating and brass threads on the water inlet and outlet. Enersol Comfy Plus is a reliable solution that meets energy saving hot water.

TECHNICAL SPECIFICATIONS :

- ▶ Maximum power: 8800W.
- ▶ Digital touch screen.
- ▶ Single phase.
- ▶ Front panel of tempered glass.
- ▶ LED digital display.
- ▶ Thermal element made of aluminium cast.
- ▶ Easy installation.
- ▶ Waterproofing coefficient (IPX4).
- ▶ Brass threads.

Digital Thermostat / Hygrostat "SOLIBOT"

Digital Hygrostat / Thermostat Digital Thermostat (RF)

CODE	DESCRIPTION	€pc.
07313	THERMOSTAT (WHITE)	
07314	THERMOSTAT (BLACK)	
07315	HYGROSTAT-THERMOSTAT (WHITE)	
07316	HYGROSTAT-THERMOSTAT (BLACK)	
07500	RF THERMOSTAT (WHITE)	
07501	RF THERMOSTAT (BLACK)	



The RF thermostat consists of two parts - a wireless portable room thermostat and a receiving device, which controls a heating source. The two parts communicate wirelessly with each other.

TECHNICAL SPECIFICATIONS :

Suitable for :	Heating / Boiler / Underfloor heating / Domestic hot water / Electric heating	Schedule Per Day	4 or 6 events per day
Power Supply	220 VAC, 50/60 Hz	Standby Consumption	<0.5 W
Display	320x480 pixels TFT touch screen.	Wifi (Option)	IEEE 802.11 b/g/n -2.4ghz
Communications	Modbus RTU, Modbus TCP	Wireless security	WPA/WPA2
Temperature/humidity display accuracy:	0.3°C / ± 2%	Operating Temperature	-10 C° -45 C°
Control Temperature Step	0.2°C (default = 0.5°C)	Dimensions (W/H/D)	96 x 86 x 32,5 (mm)
Wire Size	Current<5 A - 1,5 mm2	Dimensions (W/H/D)	96 x 86 x 13.8 (mm) (RF)
Smart Schedule Type	7days / weekday / weekend / 24hours	Weight	<200 g
		Protection Rating	IP 40
		Enclosure Material	PC + ABS plastic



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