



Worldwide Quality Compliance for Silenta 3A

Some certifications around the world



TÜRKİYE
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SPAIN
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TÜRKİYE
ENVIRONMENTAL
PRODUCT
DECLARATION



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Silenta 3A

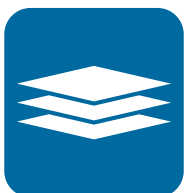
Sound-Insulated Pipe Systems

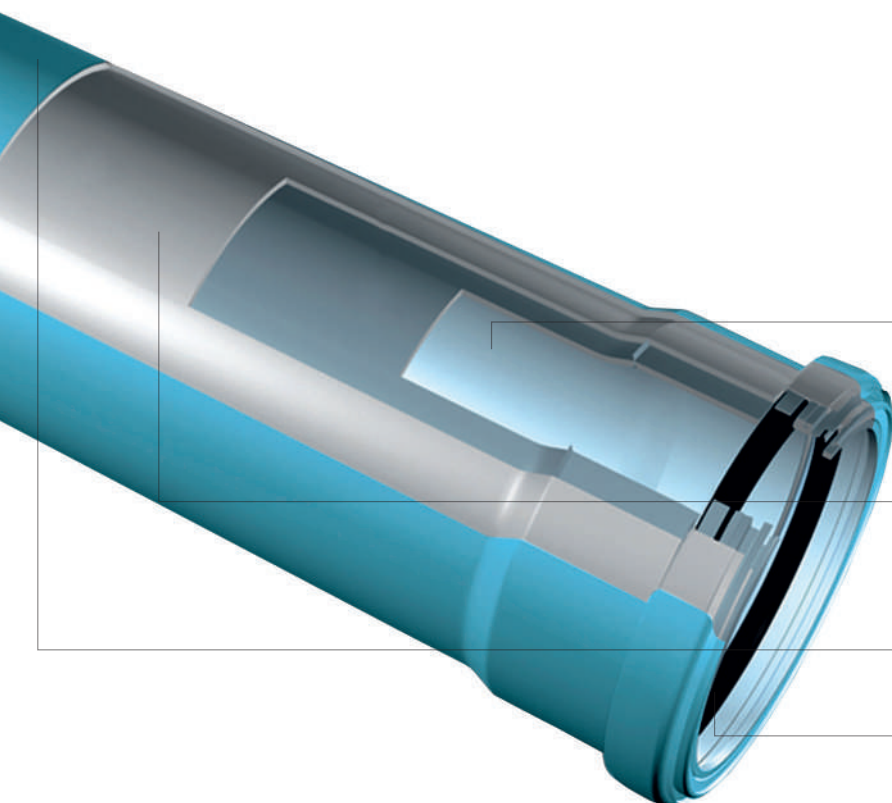
Silenta 3A is a sound-insulating 3-layered soil and waste water pipe system made of PP material which is specially formulated and reinforced for non-pressurized domestic drainage in accordance with System Standards of DIN EN 1451, DIN 4109 and DIN 4102. Silenta 3A has high performance in all places that require impact, durability and sound protection.

- Silenta 3A Sound-Insulated Piping System demonstrated outstanding acoustic performance at a flow rate of 4 l/s in the tests conducted by the German Fraunhofer Institute according to EN 14366.
- Suitable for hot/cold water and acidic liquid transfers
- It can be used in the underground and aboveground drainage systems even in the areas having high traffic load. It has high impact resistance
- Alternative to cast iron
- No corrosion, durability
- It has a wide product range
- Does not contain halogen and emit lethal and poisonous gases in case of fire
- 100% recyclable and environmentally friendly

+ Fields of Application

- Office buildings, conference halls etc
- Schools, libraries, hospitals, hotels, houses
- Sustainable / green buildings
- Industrial areas (short and long-term use)





+ Structure

- 1 Inner Layer**
It provides a perfect flow performance with its structure. The superior chemical resistance prevents corrosion and abrasion. It is resistant to high water temperatures.
- 2 Middle Layer**
With its high molecular structure and special composite formula, the sound waves are absorbed and prevented.
- 3 Outer Layer**
It is resistant to high temperatures and impacts.
- 4 Special Gasket System**
It guarantees water tightness with its special gasket structure providing ease of montage. The geometrical properties of the gasket groove ensure fast and easy installation.

+ Technical Properties

Pipe Structure	3-Layered (Special PP-Mineral reinforced composite)
Diameters [mm]	d32, d40, d50, d75, d110, d125, d160, d200
Pipe length [mm]	150, 250, 500, 1000, 2000, 3000, 6000
Fire class	B2 (DIN 4102)
Joining method	Joining with Rubber Gasket and Socket (Push-Fit)
Clamping	With GF Silenta Silent Clamps
Color	Light Blue (Halogen-free and Cadmium-free)
Installation	Very easy to install thanks to its weight lower than cast-iron pipes
Thermal expansion coefficient	0.06 mm/m°K
Tensile strength	13 N/mm ²
Chemical resistance	Resistant to organic and inorganic chemical environments for pH values between 2 and 12
Installation temperature	Minimum: -10°C Maximum: 60°C
Operating temperature	Minimum: -10°C Maximum: 97°C
Application class	B (building)
Ring Stiffness	ISO/DIN 9969, The ring stiffness is at least 4.0 kN / m ² over the entire range of – dimensions: 40 mm – 200 mm
Impact strength	Complies with EN 1451

Silenta 3A



Silenta 3A Pipe with Socket

Dia. (mm)	Leng. (mm)	Kod	Packing Type	Pc
32	3000	4604003200621	Bundle	10
40	150	4604004000121	Cartonbox	300
40	500	4604004000321	Cartonbox	150
40	1000	4604004000421	Bundle	10
40	2000	4604004000521	Bundle	10
40	3000	4604004000621	Bundle	10
50	150	4704005000121	Cartonbox	30
50	250	4704005000221	Cartonbox	30
50	500	4604005000321	Cartonbox	35
50	1000	4604005000421	Bundle	10
50	2000	4604005000521	Bundle	10
50	3000	4604005000621	Bundle	10
50	6000	4604005000721	Bundle	10
75	150	4704007501021	Cartonbox	40
75	250	4704007501121	Cartonbox	30
75	500	4604007501221	Cartonbox	40
75	1000	4604007501321	Bundle	10
75	2000	4604007501421	Bundle	10
75	3000	4604007501521	Bundle	10
75	6000	4604007501621	Bundle	10
110	150	4704011002021	Cartonbox	20
110	250	4704011002121	Cartonbox	35
110	500	4704011002221	Cartonbox	20
110	1000	4604011002321	Bundle	4
110	2000	4604011002421	Bundle	4
110	3000	4604011002521	Bundle	4
110	6000	4604011002621	Bundle	4
125	150	4604012503021	Cartonbox	15
125	250	4604012503121	Cartonbox	5
125	500	4604012503221	Cartonbox	6
125	1000	4604012503321	Bundle	4
125	2000	4604012503421	Bundle	4
125	3000	4604012503521	Bundle	4
160	150	4604016004021	Cartonbox	24
160	250	4604016004121	Cartonbox	6
160	500	4604016004221	Cartonbox	8
160	1000	4604016004321	Piece	1
160	2000	4604016004421	Piece	1
160	3000	4604016004521	Piece	1
160	6000	4604016004621	Piece	1
200	500	4604020006321	Cartonbox	5
200	1000	4604020006421	Piece	1
200	2000	4604020006521	Piece	1
200	3000	4604020006721	Piece	1
200	6000	4604020006821	Piece	1



Silenta 3A Double Socket

Dia. (mm)	Leng. (mm)	Code	Packing Type	Pc
50	500	4604005020021	Cartonbox	50
50	1000	4604005020121	Bundle	10
50	2000	4604005020321	Bundle	10
50	3000	4604005020421	Bundle	10
75	1000	4604007520121	Bundle	10
75	2000	4604007520321	Bundle	10
75	3000	4604007520421	Bundle	10
110	1000	4604011020221	Bundle	4
110	2000	4604011020421	Bundle	4
110	3000	4604011020521	Bundle	4



Silenta 3A Clamp

Dia. (mm)	Kod	Packing Type	Pc
50	4701905001022	Cartonbox	100
75	4701907501122	Cartonbox	200
110	4701911001222	Cartonbox	100
160	4701916001422	Cartonbox	50



Silenta 3A Elbow 15°

Dia. (mm)	Kod	Packing Type	Pc
32	4704103200121	Cartonbox	500
40	4704104000121	Cartonbox	500
50	4704105000121	Cartonbox	300
75	4704107500621	Cartonbox	150
110	4704111001121	Cartonbox	60
160	4704116001121	Cartonbox	20



Silenta 3A Pipe without Socket

Dia. (mm)	Leng. (mm)	Kod	Packing Type	Pc
160	3000	4604016003021	Piece	1
200	250	4604020005121	Piece	1
200	500	4604020005221	Cartonbox	8
200	1000	4604020005321	Piece	1
200	2000	4604020005421	Piece	1
200	3000	4604020005521	Piece	1



Silenta 3A Elbow 30°

Dia. (mm)	Code	Packing Type	Pc
50	4704105000221	Cartonbox	350
75	4704107500721	Cartonbox	150
110	4704111001221	Cartonbox	60
160	4704116001221	Cartonbox	20

Silenta 3A



Silenta 3A Elbow 45°

Dia. (mm)	Code	Packing Type	Pc
32	4704103200321	Cartonbox	1000
40	4704104000321	Cartonbox	30
50	4704105000321	Cartonbox	150
75	4704107500921	Cartonbox	50
110	4704111001321	Cartonbox	50
125	4704112501621	Cartonbox	15
160	4704116001821	Cartonbox	6
200	4704120002021	Cartonbox	10



Silenta 3A Double Branch 87.5°

Dia. (mm)	Code	Packing Type	Pc
110-110	4704211002521	Cartonbox	20



Silenta 3A Elbow 67.5°

Dia. (mm)	Code	Packing Type	Pc
50	4704105000421	Cartonbox	300
75	4704107500821	Cartonbox	150
110	4704111001421	Cartonbox	50



Silenta 3A Branch 45°

Dia. (mm)	Code	Packing Type	Pc
32-32	4704203200121	Cartonbox	250
40-40	4704204000121	Cartonbox	30
50-50	4704205000121	Cartonbox	50
75-50	4704207500221	Cartonbox	20
75-75	4704207500321	Cartonbox	10
110-50	4704211000421	Cartonbox	40
110-75	4704211000521	Cartonbox	30
110-110	4704211000621	Cartonbox	20
125-50	4704212500721	Cartonbox	15
125-75	4704212500821	Cartonbox	10
125-110	4704212500921	Cartonbox	8
125-125	4704212501021	Cartonbox	6
160-110	4704216001121	Cartonbox	10
160-125	4704216001221	Cartonbox	10
160-160	4704216001321	Cartonbox	8
200-110	4704220001421	Cartonbox	4
200-125	4704220001521	Cartonbox	4
200-160	4704220001621	Cartonbox	4
200-200	4704220001721	Cartonbox	4



Silenta 3A Elbow 87.5°

Dia. (mm)	Code	Packing Type	Pc
32	4704103200421	Cartonbox	500
40	4704104000521	Cartonbox	450
50	4704105000521	Cartonbox	140
75	4704107501021	Cartonbox	50
110	4704111001521	Cartonbox	40
125	4704112501721	Cartonbox	10
160	4704116001921	Cartonbox	6
200	4704120002121	Cartonbox	6



Silenta 3A Branch 87.5°

Dia. (mm)	Code	Packing Type	Pc
40-40	4704204000221	Cartonbox	200
50-50	4704205001821	Cartonbox	30
75-50	4704207501921	Cartonbox	10
75-75	4704207502021	Cartonbox	15
110-50	4704211002121	Cartonbox	50
110-75	4704211002221	Cartonbox	15
110-110	4704211002321	Cartonbox	10
125-125	4704212503921	Cartonbox	4
160-110	4704216002621	Cartonbox	14
160-160	4704216001421	Cartonbox	10



Silenta 3A Double Branch 45°

Dia. (mm)	Code	Packing Type	Pc
50-50	4704205003021	Cartonbox	15
75-50	4704207503121	Cartonbox	15
110-50	4704211003221	Cartonbox	7
110-110	4704211003421	Cartonbox	6
160-110	4704216003621	Cartonbox	8

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Silenta 3A Corner Parallel Branch 87.5°

Dia. (mm)	Code	Packing Type	Pc
110-110	4704211001121	Cartonbox	4



Silenta 3A Sliding Socket

Dia. (mm)	Code	Packing Type	Pc
50	4704505000221	Cartonbox	50
75	4704507500321	Cartonbox	35
110	4704511000421	Cartonbox	8
160	4704516000621	Cartonbox	6
200	4704520000721	Cartonbox	4

Silenta 3A Corner Double Branch 87.5°



Dia. (mm)	Code	Packing Type	Pc
110-110	4704211003021	Cartonbox	20

Silenta 3A Clean Out (Circular)



Dia. (mm)	Code	Packing Type	Pc
75	4704311000421	Cartonbox	15
110	4704311000121	Cartonbox	6

Silenta 3A Socket with Central Register



Dia. (mm)	Code	Packing Type	Pc
32	4704503200121	Cartonbox	600
40	4704504000121	Cartonbox	600
50	4704505000121	Cartonbox	50
75	4704507500221	Cartonbox	20
110	4704511000321	Cartonbox	10
160	4704516000421	Cartonbox	6
200	4704520000521	Cartonbox	12

Silenta 3A Clean Out (Rectangular)



Dia. (mm)	Code	Packing Type	Pc
160	4704316000221	Cartonbox	8

Silenta 3A S Siphon 45°



Dia. (mm)	Code	Packing Type	Pc
75	4704607500121	Cartonbox	20
110	4704611000121	Cartonbox	6

Silenta 3A Reducer



Dia. (mm)	Code	Packing Type	Pc
40-32	4704404000521	Cartonbox	750
50-32	4704405000021	Cartonbox	500
50-40	4704405000121	Cartonbox	30
75-50	4704407500121	Cartonbox	100
110-50	4704411000221	Cartonbox	50
110-75	4704411000321	Cartonbox	40
125-110	4704412500421	Cartonbox	25
160-110	4704416000521	Cartonbox	20
160-125	4704416000721	Cartonbox	20
200-160	4704420000621	Cartonbox	10

Silenta 3A S Siphon 87.5°



Dia. (mm)	Code	Packing Type	Pc
75	4704607500221	Cartonbox	50
110	4704611000221	Cartonbox	5

Silenta 3A



Silenta 3A P-Trap

Dia. (mm)	Code	Packing Type	Pc
110	4704611000521	Cartonbox	25



Silenta 3A Floor Trap

Dia. (mm)	Code	Packing Type	Pc
110-75-50-50 _(*)	4704911002022	Cartonbox	12
110-75-50-50 _(**)	4704911002122	Cartonbox	12
110-75-50-50 _(***)	4704911002322	Cartonbox	12

(*) Short - (**) Middle - (***) Long



Silenta 3A Pipe Socket Plug

Dia. (mm)	Code	Packing Type	Pc
40	4704904000221	Cartonbox	1000
50	4704905000421	Cartonbox	125
75	4704907500121	Cartonbox	50
110	4704911000221	Cartonbox	25
160	4704916000321	Cartonbox	12



Silenta 3A Repair Pipe

Dia. (mm)	Code	Packing Type	Pc
110	4704911002221	Cartonbox	15