

*Top German Quality  
High resistance to chemicals and  
mechanical stress*



**25  
years  
warranty**

**Made in  
GERMANY**



**OSTENDORF**  
**KUNSTSTOFFE**

**PP & PVC-U  
Waste Water Pipe System**

[www.tzanos.gr](http://www.tzanos.gr)





## PP Waste Water Pipe System



NEW

**Scaling Measurement**  
Easy installation.

NEW

**Colour**  
Intense-Durable Colour  
RAL 7043.



NEW

**Solid SBR Rubber with Triple Rim (3 Lip Seal)**

Solid SBR Rubber with Triple Rim (3 Lip Seal) Sealing connection ring manufactured from new technology SBR triple-lip (3 Lip Seal) solid rubber, which ensures maximum tightness, excellent functionality and high endurance, even under severe mechanical stresses and pressures.



**100%  
Recyclable**



**Sound Insulation  
Rating  
21dB**



**Temperature  
Resistance**

### BENEFITS:

- ✓ Extremely easy to install without the use of special tools
- ✓ PP is resistant to temperatures up to +110°C
- ✓ **SBR rubber seals** are correctly seated and ensure perfect water flow, even under thermomechanical stress  
*The ring remains completely fixed during pipe application*
- ✓ Highly resistant to corrosion from chemicals or microorganisms  
Appropriate for carrying waste water within a range of PH2 (acidic) to PH12 (basic) as per DIN 1986-100
- ✓ Excellent fire performance as per DIN 4102 B1
- ✓ New sound insulation test according to Bismat 1000 (P-BA 222/2016)  
Result: 21 dB at 4 litres supply
- ✓ Can be connected to solder fitting with rubber - fitting from PVC to PP by Ostendorf
- ✓ Certificates complying with all European standards are available.
- ✓ **Warranty: 25 years**



1. Wastewater and rainwater drainage systems.
2. In waste systems with low or high temperatures.
3. Ventilation systems for waste networks.
4. Rainwater drainage systems inside buildings.
5. Urban and industrial use.

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GERMANY**



## Drainage Pipe System and Fittings (PVC) with SN4 rubber



**Compact SBR rubber**  
manufactured to DIN 681

**Endurable Orange Colour**  
RAL 8023



ISO 9001

ISO 14001

ISO 50001

### BENEFITS:

- ✓ Ideal for underground sewerage system installations providing excellent stability and resistance to tensions and static strain, certified to DIN EN 13476-2
- ✓ Resistance to static strain and tension
- ✓ Smooth, homogeneous structure and extremely durable wall offering resistance to abrasion and pressure by soil weight and fluid flow loads
- ✓ High resistance to chemicals featuring pH sewage from 2 (acidic) to 12 (basic) as per DIN 1986-100
- ✓ Easy, fast and low installation costs
- ✓ Full range of dimensions in diameter from DN 110 to PN 500 and from 0.5 to 5 meters in length
- ✓ Lifespan up to 100 years
- ✓ **Warranty: 25 years**

The Ostendorf full range PVC drainage pipe system is available in SN8 and SN10 kN/m<sup>2</sup> on request.



## The Ostendorf complete range includes:

**25  
years  
warranty**



### SKOLAN Safe in RAL 7035 light grey colour

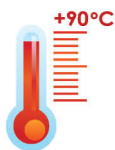
- ✓ Solid rubber with a Triple lip seal (3 Lip Seal) for complete sealing even in the most adverse conditions
- ✓ Sound insulation of 17dB (A) as per DIN EN 14366, Bismat 1000 (P-BA 221/2016)
- ✓ Manufactured according to the requirement standards as per DIN EN 12056, DIN 1986-100, DIN 4109, VDI 4100. Production certified to ISO 9001: 2015
- ✓ Smooth inner surface improving hydraulic flow and reducing noise emission due to less friction
- ✓ Pipes are calibrated in cm to facilitate cutting and installation
- ✓ Certification Z-42.1-217
- ✓ Pipes and fittings are resistant to waste with pH 2 - pH12
- ✓ Full range in diameters from DN 50 to DN 200
- ✓ Skolan Safe pipe and fitting series is completely compatible with our HT-Safe (PP) range
- ✓ **Warranty: 25 years**



**100%  
Recyclable**



**Sound Insulation  
Rating  
17 dB**



**Temperature  
Resistance**



### KG 2000 in green colour RAL 6017

- SN 10
- SN 16

PP-HD Polypropylene to DIN EN 14758-1 with solid sealing SBR rubber with Triple Lip (3 Lip Seal) as per DIN 681.  
Ideal for underground sewage, wastewater and rainwater drainage systems.

## The company

K. TZANOS SA was established in 1982 and it is a well-established trading company specialised in the field of plumbing, heating, natural gas, and green energy, maintaining long-term partnerships with well-known European and International houses. K. TZANOS SA is operating under the umbrella of TZANOS Group of companies, while owns since 1997 ISOPIPE SA, a factory specialising in the production of insulation material ISOPIPE and TORRENT cast iron condensing boilers. In 2008, TZANOS SA created the H-IT brand aiming at manufacturing high quality-products at affordable prices, for water supply and heating systems.

All products represented by TZANOS Group of Companies are CE certified.



*ΕΥΓΥΝΟΝ  
ΠΟΙΟΤΗΤΑ  
ΑΞΙΟΠΙΣΤΙΑ*

[www.tzanos.gr](http://www.tzanos.gr)

**ATHENS**  
Nafliou & Daskalogianni  
144 52 Metamorfosi Attikis  
T: +30 210 2828603  
F: +30 210 2830436  
Email: [info@tzanos.gr](mailto:info@tzanos.gr)

**THESSALONIKI**  
6 Antoni Tsitsi str.  
570 08, Ionia Thessalonikis  
T: +30 2310 780001  
F: +30 2310 784009  
Email: [thessaloniki@tzanos.gr](mailto:thessaloniki@tzanos.gr)