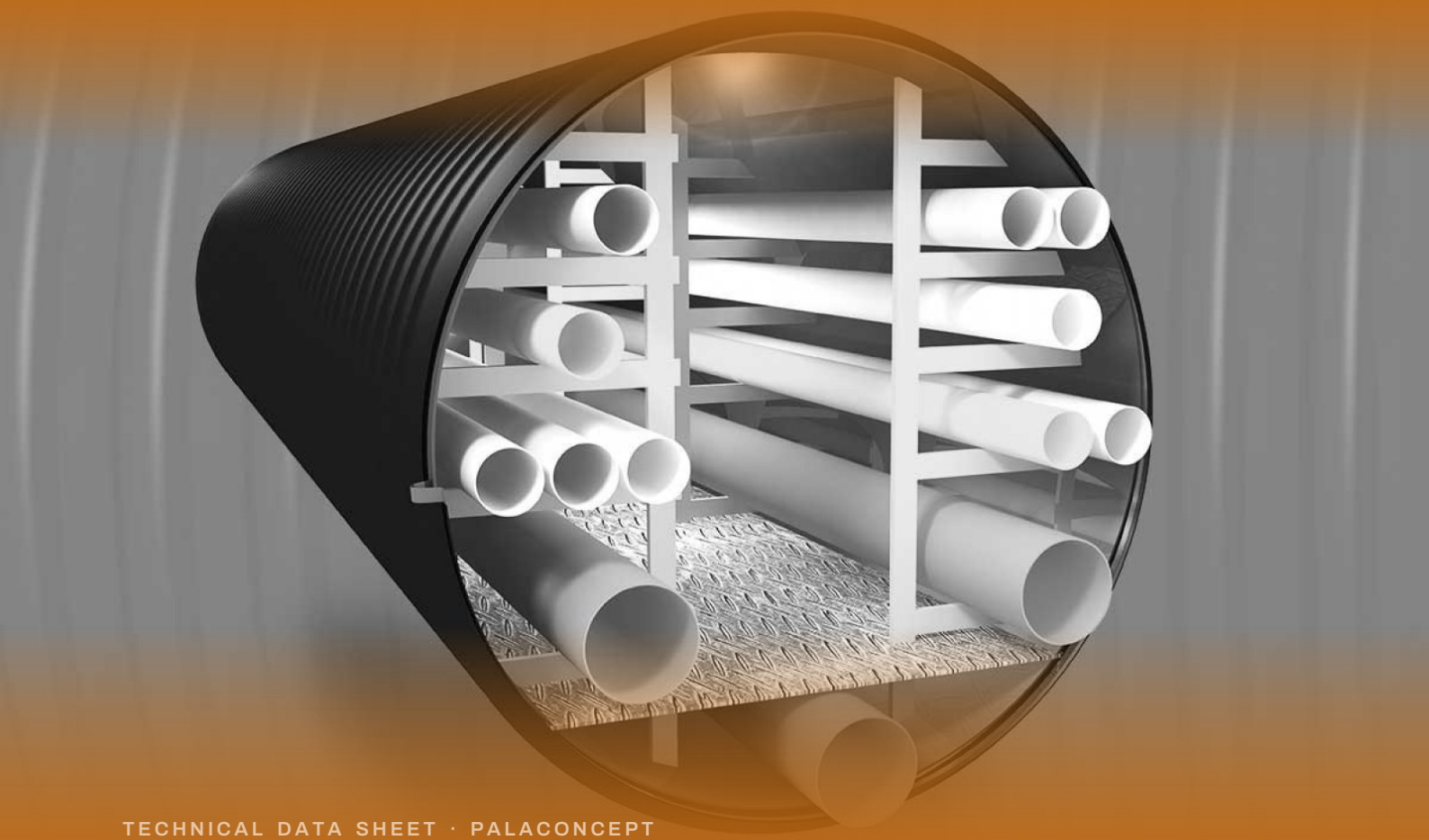
PALADERI
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TECHNICAL DATA SHEET · PALACONCEPT

# PALATECH utility tunnels

Tunnels and ducts in steel and polyethylene pipes housing technical networks and underground utilities: electricity, telephone, data, fibre optics, water supply, sewerage and technical gases.

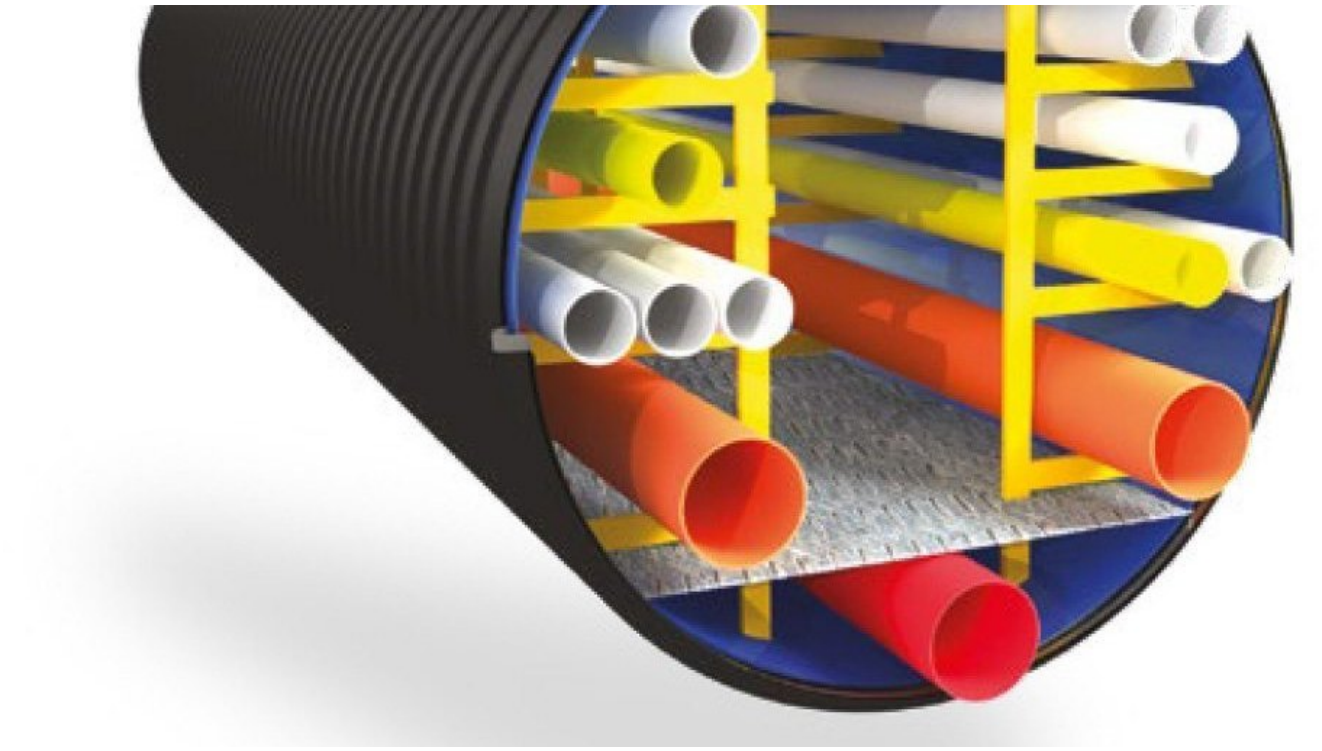
INTERNAL DIAMETER
**up to 3000 mm**

RING STIFFNESS
**up to SN 20**

## Technical data

| | |
|---|---|
| Material | **Spiral-wound galvanised steel and polyethylene pipes to UNI 11434** |
| Internal diameter | **up to 3000 mm** |
| Ring stiffness | **up to SN 20** |
| Pipe length | **up to 13.40 m** |

## Advantages



- Resistance to chemicals and abrasion
- No infiltration into the pipe body
- Pipe lengths up to 13.40 m and **diameters up to 3000 mm**
- Ring stiffness up to SN 20, static and dynamic strength
- Long service life and low maintenance
- Simple handling and installation, fewer risks on site
- Inspection and maintenance without disturbing the road surface

# Frequently asked questions

**Which networks can be housed in a PALATECH utility tunnel?**

The PALATECH utility tunnel, with an internal diameter of up to 3000 mm, houses power, telephone, data and fibre-optic networks and underground services such as water mains, surface water and foul sewers and technical gases. It is made of spiral-wound pipes in galvanised steel and polyethylene compliant with UNI 11434.

**How are cables and pipes fixed inside a PALATECH utility tunnel?**

Brackets and fixing points are fitted to the inner wall of the PALATECH utility tunnel at different heights for the individual services. The system can integrate remote monitoring and sump pumps against flooding, and the internal diameter of up to 3000 mm allows inspection without breaking into the road surface.

**What stiffness and lengths do PALATECH pipes come in?**

PALATECH pipes reach ring stiffness class SN 20 and are supplied in lengths of up to 13.40 m, with internal diameters of up to 3000 mm. The long pipe lengths and low weight shorten installation, and therefore the closure of the roads and services affected by the works.

Indicative data, subject to change without notice. The Paladeri technical department is available for sizing and selecting the right solution.

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## PALATECH utility tunnels on paladeri.eu

paladeri.eu/en/products/palatech-utility-tunnels

**Plant and operational headquarters**
Via San Leonardo, 2
45010 Villadose (RO)
+39 0425 154 62 00

**Registered office**
Via Francesco Crispi, 69
80121 Napoli (NA)
+39 081 573 45 97

**Sales contacts**
Italy: direzionevendite@paladeri.it
International: foreign@paladeri.it

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