



MICRODUCTS

FOR OPTICAL FIBER

www.teraduct.ro



TeraDuct One

Individual microducts

New product in the TeraPlast portfolio. Made by extrusion of high-density polyethylene (HDPE)



TeraDuct Line

Microducts in a linear shape

This shape has a slim profile, making it ideal for MicroTrenching use (narrow trench burial).



TeraDuct Mix

Microducts in a polygonal shape

This product provides a smooth handling of several TeraDuct ONE microducts

TERADUCT ONE

CHARACTERISTICS

- Made of high-density polyethylene (HDPE).
- Dimensions range – External diameter: 7 mm ÷ 18 mm.
- Pressure resistance: min 15 bar.
- Impact resistant.
- Ribbed inner coating made of silicone.
- TeraDuct ONE meets the standards for pulling/blowing the optical fiber cables.
- Available in opaque colors according to the IEC 60304 standard.
- Extended range of colors (on request).
- Detection wire (on request).
- Antistatic interior layer that can reduce electrostatic charge accumulated during the blowing of the optical fiber (on request).

• Telecommunication networks • FTTH (fiber to the home) • Smart cities • Airports • 5G networks • Data centers

TERADUCT LINE

CHARACTERISTICS

- Made of high-density polyethylene (HDPE).
- Available configurations include 2 to 5 TeraDuct ONE microducts in a single beam.
- Pressure resistance: min 15 bar.
- Impact resistant.
- Ribbed inner coating made of silicone.
- TeraDuct LINE meets the standards for pulling/blowing the optical fiber cables.
- Easy access to the microducts inside the beam
- Easy branching through connectors.
- Covered with an orange, UV-resistant coating.
- Detection wire (on request).
- Antistatic interior layer that can reduce electrostatic charge accumulated during the blowing of the optical fiber (on request).

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TERADUCT MIX

CHARACTERISTICS

- Made of high-density polyethylene (HDPE).
- Available in configurations from 3 to 24 TeraDuct ONE.
- Pressure resistance: min 15 bar.
- Impact resistant.
- Ribbed-silicone inner coating.
- TeraDuct MIX meets the standards for pulling/blowing the optical fiber cables.
- Easy access to the individual microducts.
- Easy branching through connectors.
- Covered with an orange, UV-resistant coating.
- Detection wire (on request).
- Antistatic interior layer that can reduce electrostatic charge accumulated during the blowing of the optical fiber (on request).

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TERADUCT BENEFITS



**Space-
saving**



**Extending
the optical
fiber
network**



**Quicker
installation**



**Smooth
installation
and easy
access**



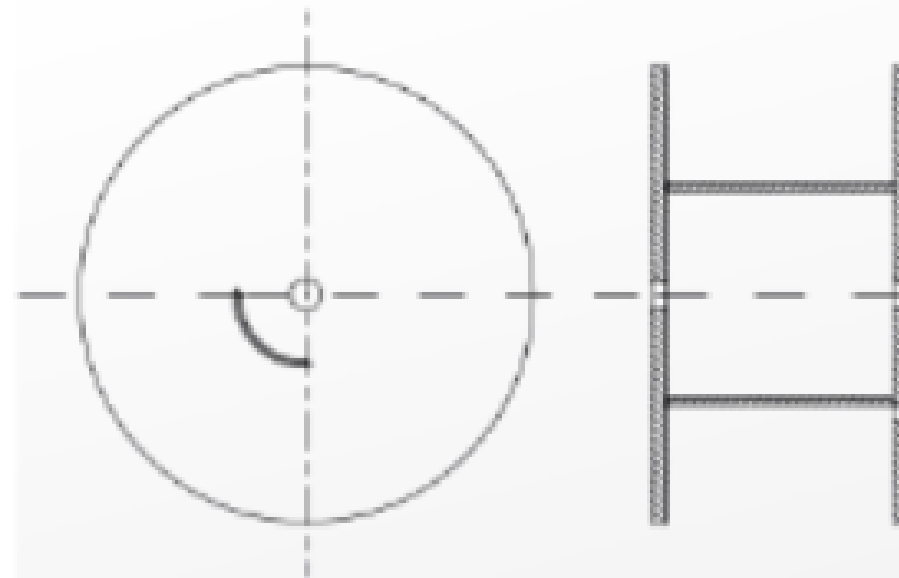
**Reduced
costs**

PACKAGING

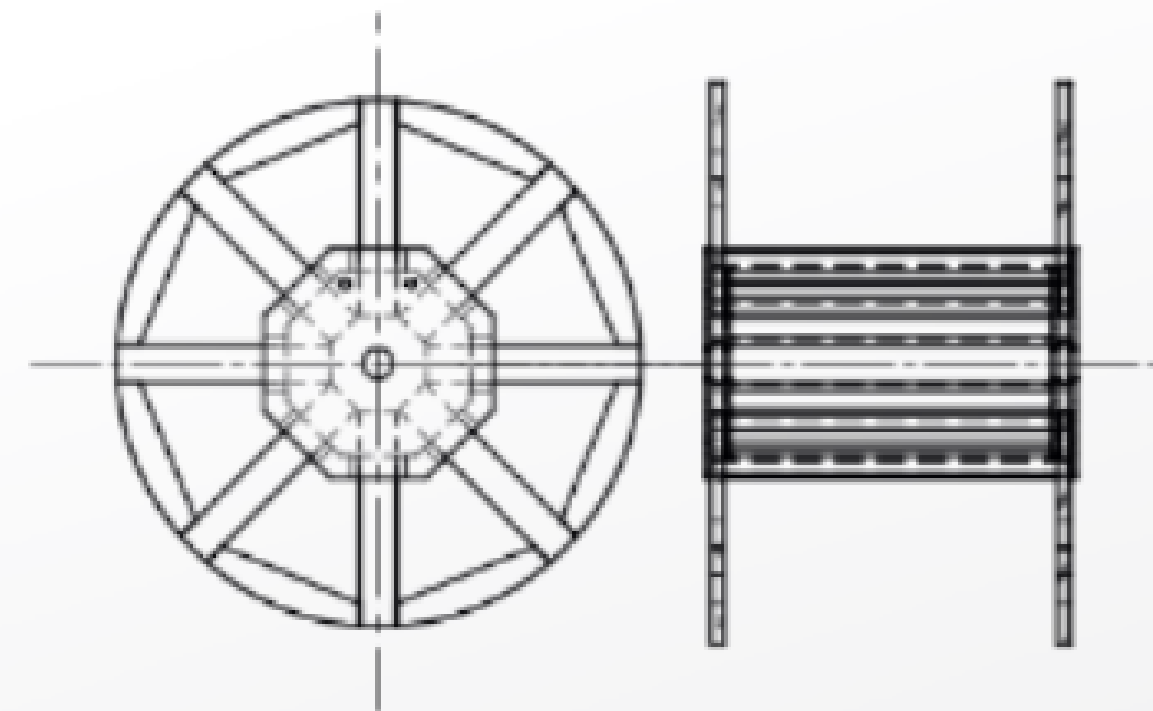
TeraDuct microducts produced by TeraPlast are packed and delivered on wooden drums.



Drum (L)

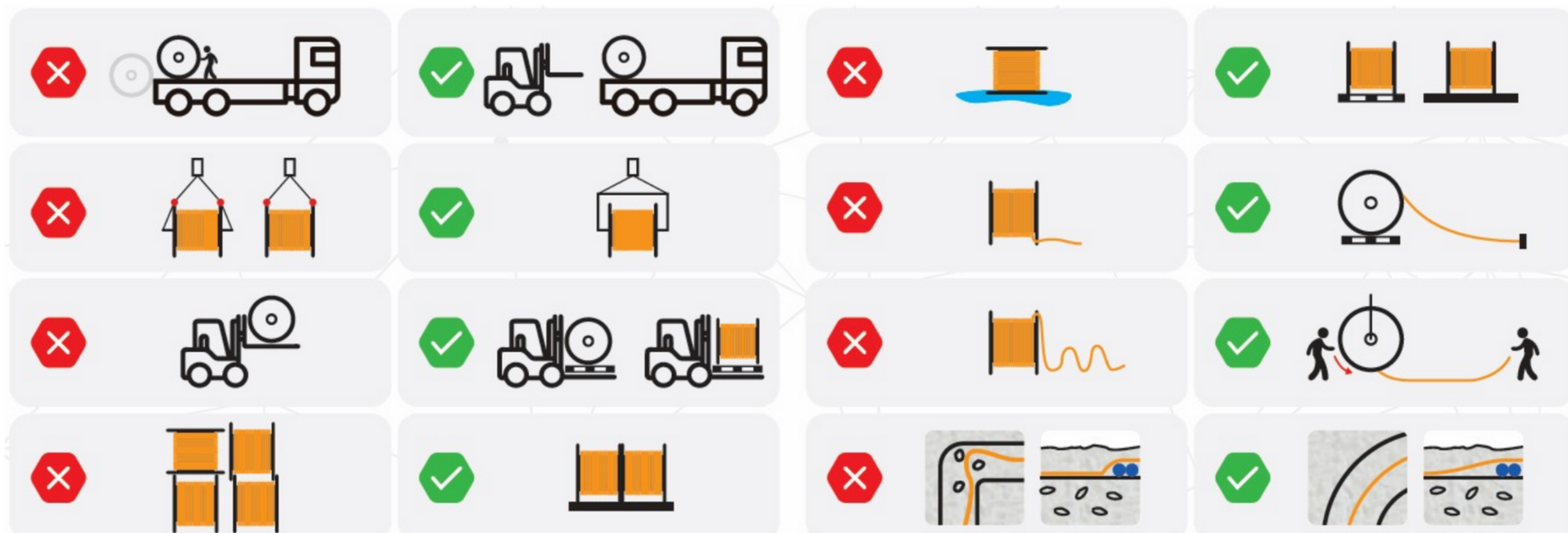


Drum (XL)



Drum (XXL)

Handling, storage and installation



Direct burial (DB)

For applications implying the direct burial of the TeraDuct microducts or their wrapping in several configurations (TeraDuct MIX, TeraDuct LINE), it is recommended to use a microduct with a thicker wall. It will enhance the optimal filling ratios and helps a faster and smoother installation.

Direct install (DI)

For applications that involve placing the TeraDuct ONE or TeraDuct MIX inside of an existing pipe, it is recommended the use of a thinner walled product in which the protection is ensured by the existing pipe.



MEDIA

