



VARIO-TEC+®

invatec
Always an **innovation** ahead

Innovative cable ducts **FLEXIBLE USAGE.**

Connecting what belongs together.

A reliable power supply and data transmission are essential for modern industrial facilities and infrastructure to function smoothly. Cables are the sensitive lifelines of the economy and must be comprehensively protect, for example, with the VARIO-TEC+® cable duct system for underground installation, which is both proven and forward-looking.

VARIO-TEC+® was developed through a collaboration of professionals: construction experts with many years of experience in cable duct installation and engineers using state-of-the-art virtual design systems. The result: a combination of quality, cost-effectiveness, environmental friendliness, and an excellent price-performance ratio that sets new standards. VARIO-TEC+® combines a sturdy design with low weight and outstanding cost-effectiveness.

More than 1,200,000 meters of these cable ducts have already been installed by a wide variety of operators worldwide. The main market is in rail infrastructure construction, but thanks to its broad range of applications, the cable duct is also successfully installed in solar parks and other industrial facilities.

The VARIO-TEC+® cable duct is also frequently used for temporary construction projects to safely protect the relevant cables for a specific period of time.

invatec – always an innovation ahead!

The advantages

- High load-bearing capacity, in accordance with Class A15 per DIN EN 124-1 / DIN EN 1433
- Flexibility through the supply of custom angle pieces and separating strips as needed
- Lightweight, easy to install by hand
- Reusable; can be reused in various construction projects
- Short site closures
- 100% recyclable
- Completely maintenance-free
- No additional connecting parts required
- Slip-resistant surface texture

VARIO-TEC[®] Installation

Detailed written installation instructions or in-person installation guidance are available upon request. Please contact us by email or phone at the following address:

Email: info@invatec-gmbh.de

Phone: +49 7951 29641-0



Placement of the cable ducts in the cable route prepared beforehand



Fixation of the cable duct with specific ground anchors depending on local requirements



Lid installation



Filling of the cable ducts

VARIO-TEC+® Size 1

Technical Specifications

Length:	1.000 mm
Width:	184 mm (inside approx. 100 mm)
Height:	190 mm
Weight:	4,5 kg
Load capacity of complete system:	A15 according to DIN EN 124-1 / DIN EN 1433
Fire resistance class:	K1 according to DIN 53438 part 2
Material:	UV-stabilized polypropylene copolymer

VARIO-TEC+® Trough



Description	Article no.
VARIO-TEC+® Trough	A000101

VARIO-TEC+® Lid



Description	Article no.
VARIO-TEC+® Lid	A000102

VARIO-TEC+® Complete



Description	Article no.
VARIO-TEC+® Complete	*A000100

VARIO-TEC+® Size 2

Technical Specifications

Length:	1.000 mm
Width:	334 mm (inside approx. 250 mm)
Height:	190 mm
Weight:	7,1 kg
Load capacity of complete system:	A15 according to DIN EN 124-1 / DIN EN 1433
Fire resistance class:	K1 according to DIN 53438 part 2
Material:	UV-stabilized polypropylene copolymer

VARIO-TEC+® Trough



Description	Article no.
VARIO-TEC+® Trough	A000201

VARIO-TEC+® Lid



Description	Article no.
VARIO-TEC+® Lid	A000202

VARIO-TEC+® Complete



Description	Article no.
VARIO-TEC+® Complete	*A000200

Accessories VARIO-TEC⁺®

VARIO-TEC⁺® Triangular screw plug



Description	Article no.
VARIO-TEC ⁺ ® Triangular screw plug	B000101

VARIO-TEC⁺® Peg. galvinised



Description	Article no.
VARIO-TEC ⁺ ® Peg. galvinised	B000102

VARIO-TEC⁺® Special triangular spanner



Description	Article no.
VARIO-TEC ⁺ ® Special triangular spanner	B000103

VARIO-TEC⁺® Separating strip



Description	Article no.
VARIO-TEC ⁺ ® Separating strip	B000201

We manufacture custom-fit angle pieces, drops, and T-pieces according to your specific requirements. Our angle pieces allow you to navigate around obstacles along the cable duct route without any additional accessories.



Applications



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