

**CABLE PROTECTION FOR
DEMANDING
ENVIRONMENTS
FORTIS DUCT SOLUTIONS
IN HDPE PLASTIC**



EFFECTIVE PROTECTION SYSTEM IN MULTIPLE APPLICATIONS

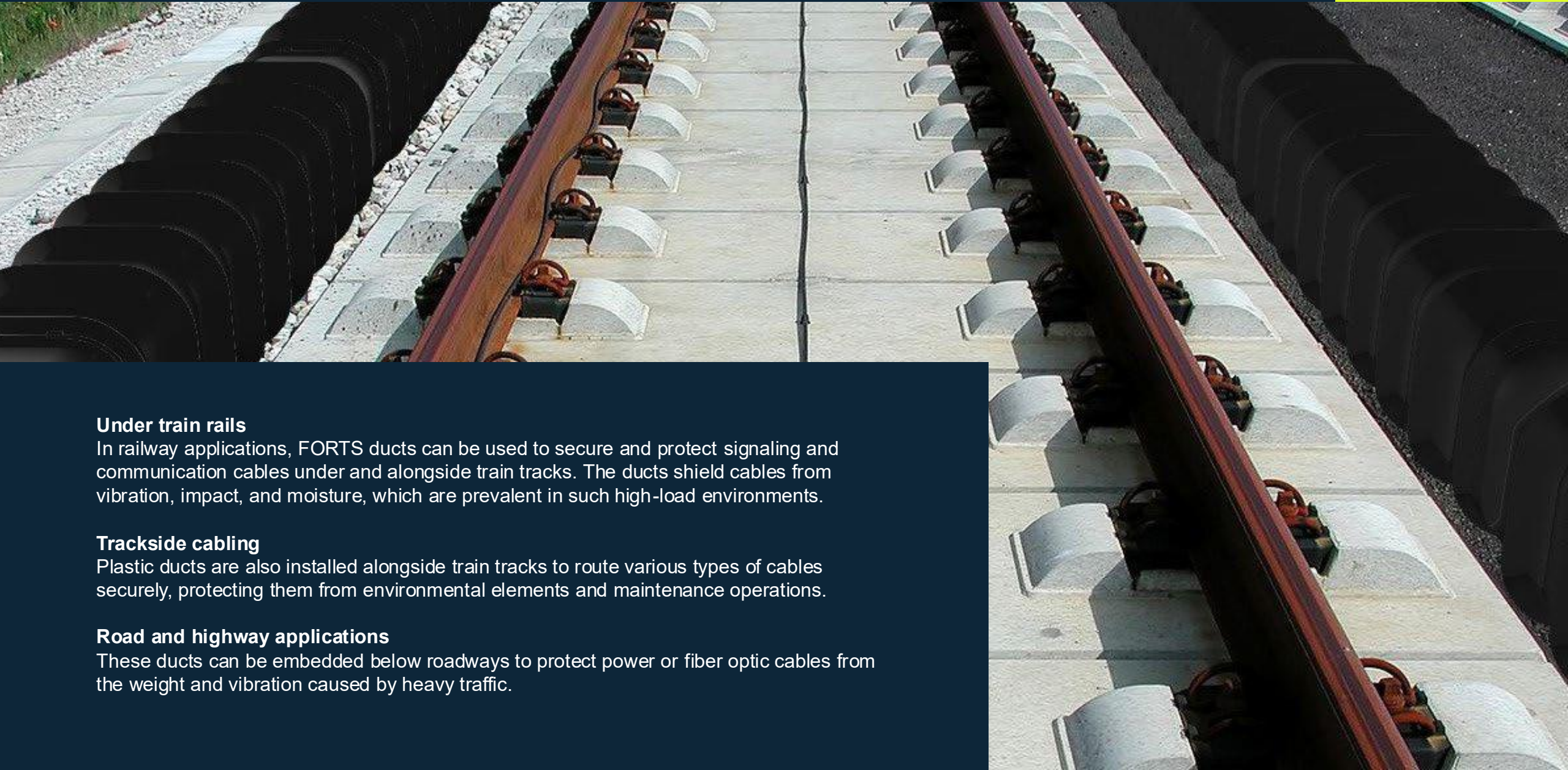
FORTIS[®]



FORTIS is a multiple duct cable protection system, designed for numerous applications for rail, power telecoms and highways such as underground ducting systems for under track or road crossings, tunnels, bridge crossings and buried linear routes.

FORTIS is manufactured in HDPE material which makes it strong and easy to handle and corrosion resistant.

FORTIS Multi cable ducts is a total system including connectors and bends for assembling complete cable duct routes.



Under train rails

In railway applications, FORTIS ducts can be used to secure and protect signaling and communication cables under and alongside train tracks. The ducts shield cables from vibration, impact, and moisture, which are prevalent in such high-load environments.

Trackside cabling

Plastic ducts are also installed alongside train tracks to route various types of cables securely, protecting them from environmental elements and maintenance operations.

Road and highway applications

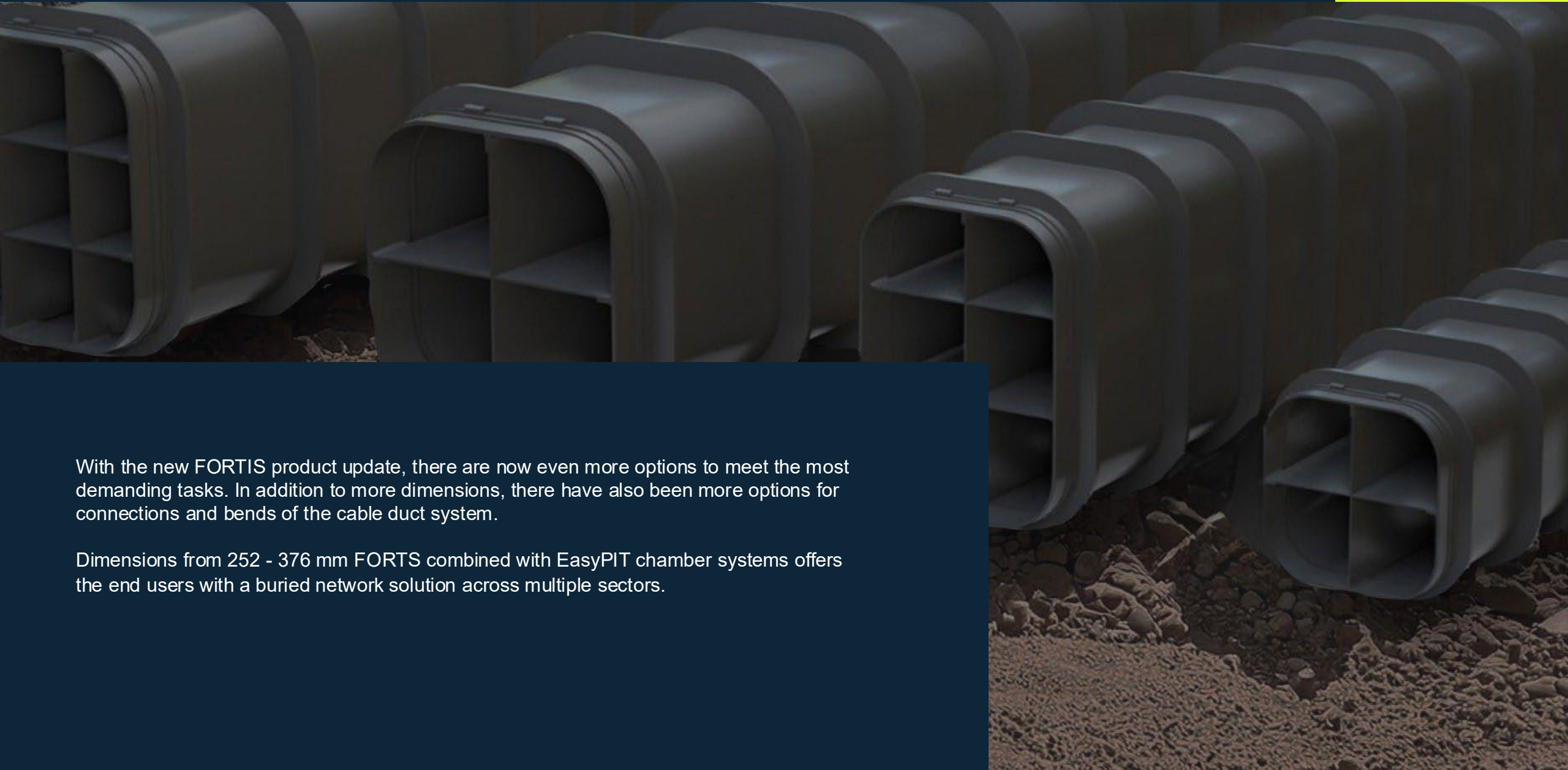
These ducts can be embedded below roadways to protect power or fiber optic cables from the weight and vibration caused by heavy traffic.

NEW DIMENSIONS TO MEET EVEN THE MOST DEMANDING APPLICATIONS

FORTIS[®]

With the new FORTIS product update, there are now even more options to meet the most demanding tasks. In addition to more dimensions, there have also been more options for connections and bends of the cable duct system.

Dimensions from 252 - 376 mm FORTIS combined with EasyPIT chamber systems offers the end users with a buried network solution across multiple sectors.

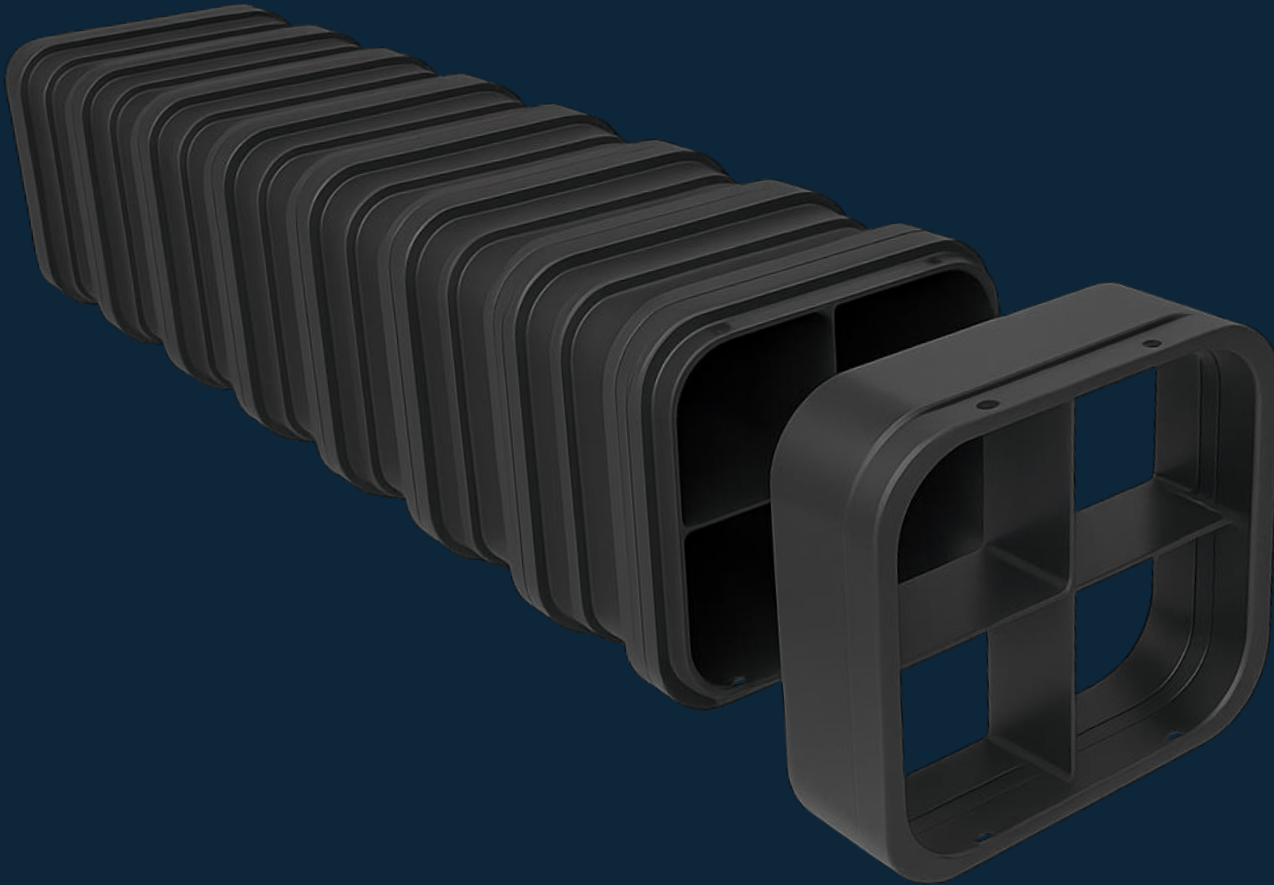




ARTICLE NO.	SUPPLIER CODE	PRODUCT REFERENCE	LAY LENGHT	OUTER	INNER	DUCTING ENTRY	WEIGHT
202020 100	-	4-way	1065 mm	248 x 248 mm	248 x 248 mm	102 mm	7.3 kg
202020 101	-	4-way XL	1065 mm	348 x 348 mm	348 x 348 mm	150 mm	16.5 kg
202020 102	-	6-way	1065 mm	248 x 248 mm	358,8 x 358,8 mm	102 mm	11 kg
202020 103	-	9-way	1065 mm	353,8 x 353,8 mm	353,8 x 353,8 mm	102 mm	17.7 kg

ACCESSORIES

All accessories listed below are compatible with the full range of Fortis Ducts, including our 4-way, 4-way XL, 6-way, and 9-way configurations.



FORTIS
®

MAIN UNIT

Holds together all the units in our cable access systems. It is made from the durable HDPE-material to combine high strength with lightweight, ensuring a strong and corrosion-resistant solution that will last a lifetime.

SOCKET END CAP

Used to seal the open socket end of a Fortis Duct™ unit when not connected to other ducts. Prevents debris, water, or pests from entering the duct system.

SPIGOT END CAP

Closes off the spigot end of a unit, offering a tight, protective seal. Ensures unused connections stay clean and protected until future use.

SINGLE DUCT ADAPTER

Allows connection from a Fortis Duct™ to a single round duct (typically Ø110 mm), enabling integration between traditional duct systems and the Fortis Duct™ structure.

DOUBLE SOCKET

Joins two Fortis Duct™ units via their spigot ends. Acts as a female connector that ensures proper alignment and secure fit between units.

DOUBLE SPIGOT

Provides a male-to-male connection, allowing extension or transition between two socket ends. Ideal for bridging or customizing duct runs.

DIMENSIONS

FORTIS[®]



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