

# Piro MULTITUBE Epipe

**SERVICE DUCTS FOR FIRE PROTECTION:  
CABLES AND CABLE BUNDLES**

More information about the product can be found at:  
<https://www.pirosystem.pl/epipe>

PRODUCT OFFICIAL DOCUMENTS	
European Technical Approval:	ETA-17/1061
Certificate of Constancy of Performance:	1488-CPR-0727/W
Hygienic certificate:	BK/B/0178/01/2019
European Declaration of Performance:	PIRO/07-2018-09-10

PRODUCT TECHNICAL DATA	
Fire resistance class:	up to EI 180 C/U, U/C, C/C
Reaction to fire:	B-s2, d0
Color:	dark graphite
Environment class:	Z2
Storage temperature range:	from +5°C to +30°C
Shelf life:	no limit, no longer than 24 months
Packaging:	1 piece
Dimensions:	300 mm x 50 mm 300 mm x 110 mm



**TECHNICAL DESCRIPTION:**

Piro MULTITUBE Epipe is simple and effective solution for making fireproof sealing of electric cable penetrations through walls or floors. Piro MULTITUBE Epipe is a plastic tube with a permanently fixed, on the outside, an intumescent insert in the form of a polymer tape with an admixture of graphite and other ingredients, causing it to increase its volume under the action of high temperature, closing the hole together with the tube on which it is rolled and cables inside the duct. The principle of operation of the fire ducts is exactly the same as in the case of protection for flammable pipes with the use of fire protection tape. They can also be used to protect small diameter non-flammable pipe bundles in FEF insulation.

**INTENDED USE:**

Piro MULTITUBE Epipe is designed to stop fire and perform fireproof sealing of penetration seal through walls or floors through which single cables or cable bundles pass. The advantage of this solution is the possibility of adding an additional cable or cables even after the complete installation of Piro MULTITUBE Epipe in the wall or floor. Piro MULTITUBE Epipe is available in two diameters: Ø 50 and Ø 110, which makes it possible to select the perfect solution depending on the needs. For further information see ETA-17/1061.

**DANE MONTAŻOWE**

Piro MULTITUBE EPIPE duct does not require a supporting structure, therefore it can be installed directly at the destination. Fireproof duct is placed in a previously prepared hole in the partition, through which a bundle or a single electric cable is to be led. For cables penetrating wall, the installation of the duct can be done while building the wall or part of it. For cables routed in a shaft or technical openings, the installation of the duct should be performed before walling up. Ducts are available in two diameters: 50 mm and 110 mm. Ducts can be filled with cables up to a maximum of 60%. The remaining unfilled space of the duct should be filled with mineral wool plugs. Piro MULTITUBE EPIPE is a solution analogous to the use of Piro MULTITUBE PM for sealing bundles or individual cables or bundles in cable bundles. More assembly details can be found in ETA-17/1061.

**A mounting clearance (u = approx. 25 mm) for penetration seals using Piro Multitube PM fireproof intumescent tape and Piro Multitube Epipe is only required due to the space required for its installation when drilling holes in existing partitions..**

**INSTALLATION OF PIRO MULTITUBE EPIPE WITH CABLE BUNDLE**



Place **Piro Multitube EPIPE** in the hole so that its black part is centrally located inside the partition



Fill the empty space between the partition and the culvert with cement mortar



Cut off the parts of the **Piro Multitube EPIPE** duct on both sides of the partition by means of saw



Run the cables inside the duct (the duct may be no greater than 60 percent of its cross section filled with cables)



Plug the remaining free space of the duct with the provided plugs. Mark the penetration seal with the attached label, mark **Piro Multitube PM** fireproof intumescent tape on it, enter the date and the name

**More information on applications and instructions can be found at:**

<https://www.pirosystem.pl/epipe>

**Health and safety recommendations:**

The product is intended for use by professional companies in industrial conditions. Work related to the application of the product should be carried out in accordance with the applicable health and safety and environmental protection regulations. Before starting work with the product, read the Product Safety Data Sheet.

**Version 05.2022**

The above information is based on our current knowledge and experience. We provide them in good faith. However, due to the variety of methods and conditions of application, they should be verified in specific applications. Therefore, the manufacturer's liability and obligations beyond the conditions set out in the applicable standard are excluded.