Technological innovation:
2 Patents

1. For the gasket connection system on the ring which is mechanically inserted into the fitting.

2. Ornamental, for the industrial design of the fittings

AWARD
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Fittings

Manufactured with self-extinguishing PP co-polymer compound + mineral additives

The ***"double-lip"* gasket** is co-moulded onto a PP ring and is mechanically inserted into the fitting. The gasket is non-removable, to guarantee a perfect hydraulic seal and total safety during installation.

The **fittings' design**, with innovative grooves, provides greater compactness and strength even at low temperatures.

TECHNICAL SPECIFICATIONS

RANGE
From DN 32 mm to DN 200 mm. Double socket pipes are also available up to a diameter of 125 mm. The range comes complete with special, exclusive elements such as the swept-entry branch, diameters 110/90 and 110/110 mm.

REACTION TO FIRE
BluePower® is classified B1 according to the ÖNORM B 3800-1 standard.

COLOUR
Blue RAL 5007. The internal layer of the pipes is white.

MARKING AND NOMENCLATURE
Coes, BluePower®, Multilayer Pipe, DN x thickness, Certificates, DIN or reference standards, self-extinguishing class, batch, date of manufacture, bar code.

CHEMICAL RESISTANCE
BluePower® guarantees great resistance to a very large number of chemical agents, particularly to surfactants, even at high temperatures, in compliance with the ISO TR7471 standard.

FITTINGS

All the fittings are supplied with an adhesive label showing the barcode, article code and description of the part.

COES S.p.A.
Via Genova, 13 - 20096 Pioltello (Mi) - Italy
Tel. +39 02 92136.1 - Fax +39 02 9269529

www.coes.it

Blue Power®

coes COMPANY is in

Silence please!

AWARD
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BluePower® the drainage system from Coes, designed to meet the most demanding requirements for **sound-absorption.**

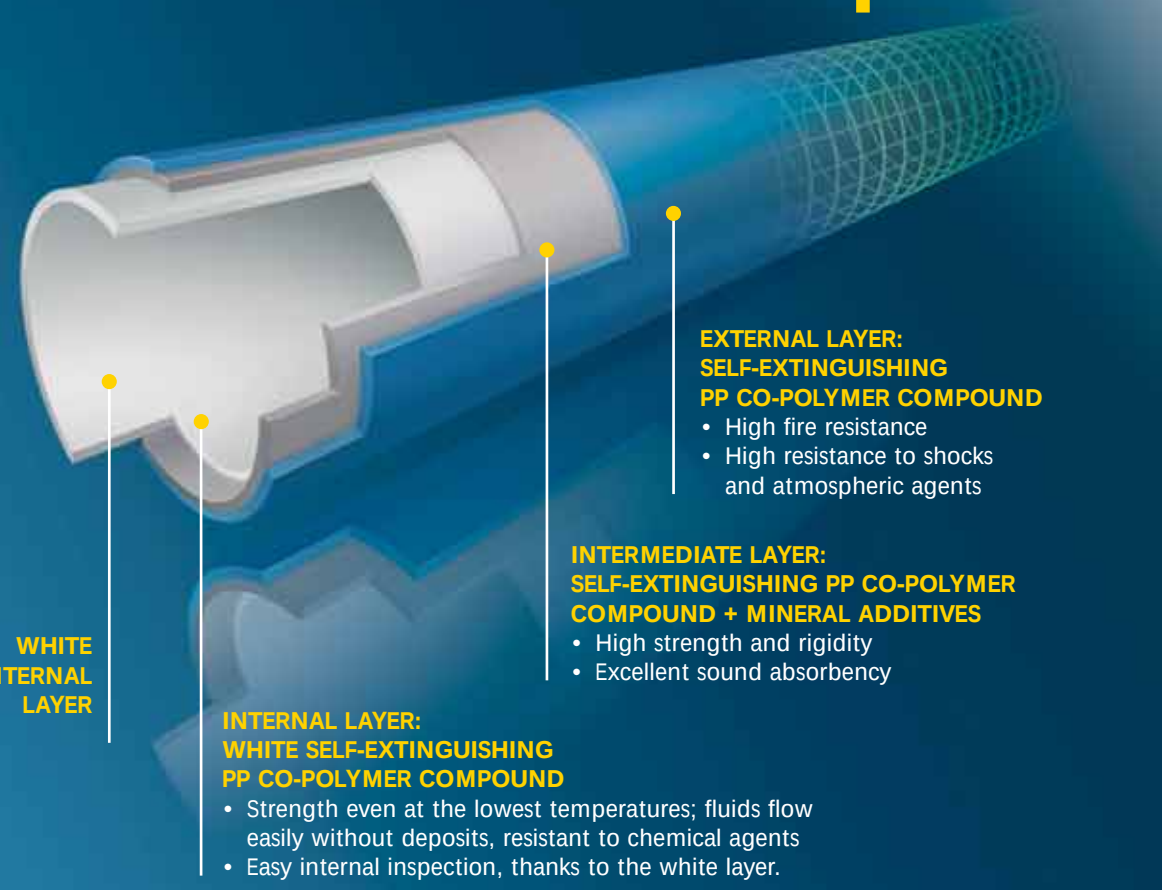
PROPERTIES

- **Outstanding sound absorbency.**
- **Outstanding strength, even at low temperatures.**
- **Excellent self-extinguishing properties.**
- *"Double-lip"* gasket connection system.
- Unique and innovative design of the fittings.
- Number of system patents.
- Wide product range.

Measurements by the Institute of Building Physics "Fraunhofer" in Stuttgart – Germany		BluePower® drainage system (manufactured by Coes) with fastening collars "Mupro 110, 108-112"			
		Flow rate [l/s]			
		0,5	1	2	4
Acoustic level dB(A)	Sound level L_{in} [dB(A)] measured at the base of the system	48	50	51	53
	Sound level L_{in} [dB(A)] measured at the base of the system, behind a wall with a mass equal to 220 Kg/sqm (1)	18	20	22	26
	Sound level L_{in} [dB(A)] measured at the base of the system, behind a wall with a mass equal to 220 Kg/sqm, without fastening collars	3	6	9	15

(1) *Measurement according to DIN 4109*

BLUEPOWER® IS FULLY RECYCLABLE

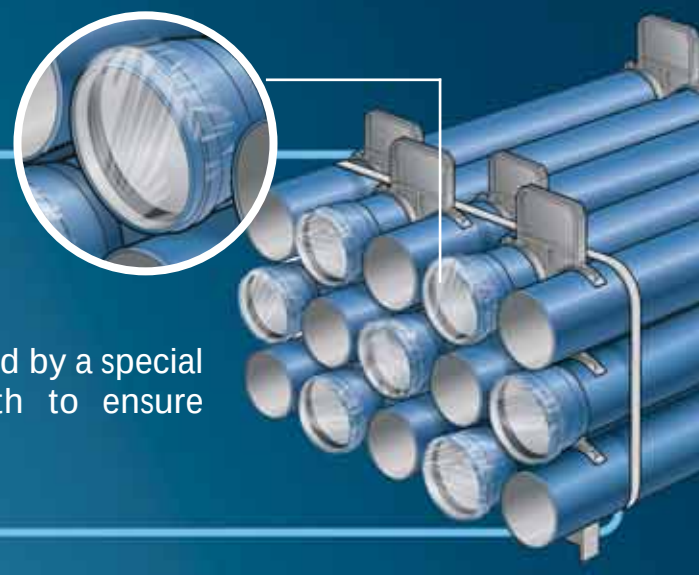


EXTERNAL LAYER:
SELF-EXTINGUISHING
PP CO-POLYMER COMPOUND
- High fire resistance
- High resistance to shocks and atmospheric agents

INTERMEDIATE LAYER:
SELF-EXTINGUISHING PP CO-POLYMER COMPOUND + MINERAL ADDITIVES
- High strength and rigidity
- Excellent sound absorbency

WHITE INTERNAL LAYER

INTERNAL LAYER:
WHITE SELF-EXTINGUISHING
PP CO-POLYMER COMPOUND
- Strength even at the lowest temperatures; fluids flow easily without deposits, resistant to chemical agents
- Easy internal inspection, thanks to the white layer.



PIPE SOCKET PROTECTION

The pipe sockets are protected by a special thermoformed plastic sheath to ensure safer transport and storage.