

## Foam FITCO<sup>®</sup>Foam PE Bowden

FITCO<sup>®</sup> Foam PE Bowden profiles are heat and impact insulation materials made of non-cross-linked expanded polyethylene with a closed cell structure and is e.g. suitable for the protection of Bowden cables. It is specially designed for the automotive industry and complies to all specific requirements.

PE foam is particularly suited for the thermal insulation of water-based EV battery cooling systems.

The product is 100% CFC and HCFC free.

Operating temperature:	-40°C to +80°C
Shrink ratio:	About 3.7% shrinkage after 72h
Standard colors:	Grey Other colors on request

Description	Inner diameter* (mm)	Tolerance ID (mm)	Outer diameter (mm)	Tolerance OD (mm)
FITCO <sup>®</sup> Foam PE Bowden 4.0x9.6	4.0	± 0.5	9.6	± 1.0
FITCO <sup>®</sup> Foam PE Bowden 4.0x11	4.0	± 0.5	11	± 1.0
FITCO <sup>®</sup> Foam PE Bowden 5.0x11	5.0	± 0.5	11	± 1.0
FITCO <sup>®</sup> Foam PE Bowden 5.0x12	5.0	± 0.5	12	± 1.0
FITCO <sup>®</sup> Foam PE Bowden 5.5x12	5.5	± 0.5	12	± 1.0
FITCO <sup>®</sup> Foam PE Bowden 15x23	15	± 0.5	23	± 1.0
FITCO <sup>®</sup> Foam PE Bowden 17x25	17	± 0.5	25	± 1.0
FITCO <sup>®</sup> Foam PE Bowden 19x27	19	± 0.5	27	± 1.0
FITCO <sup>®</sup> Foam PE Bowden 21x29	21	± 0.5	29	± 1.0
FITCO <sup>®</sup> Foam PE Bowden 23x31	23	± 0.5	31	± 1.0

\*Other dimensions on request

## Note: Min. wall thickness 4mm

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FITCO\* = trademark of GREMCO

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## Foam **FITCO<sup>®</sup>Foam PE Bowden**

Test Method	Typical Value
ISO 845	30 ±5 kg/m <sup>3</sup>
FMVSS 302 / DIN 75200 / ISO 3795 TL 1010	Compliant
ISO 2896	< 2%
EN 12667	0.038 W/mK
	ISO 845 FMVSS 302 / DIN 75200 / ISO 3795 TL 1010 ISO 2896

On spools, cut lengths or printed tubing on request.

## **Key Benefits:**

Packaging:

- 100% CFC and HCFC free ٠
- Closed cell structure •
- Non-cross-linked PE .

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