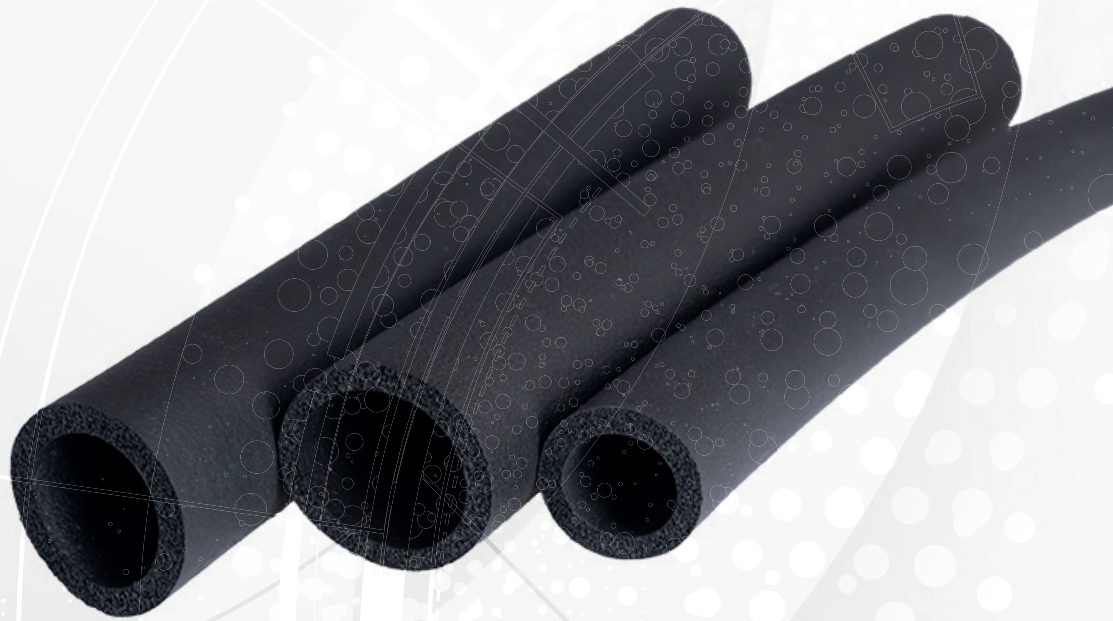




HUTCHINSON®

# RUBBER SLEEVES

Acoustic, Thermic & Mechanical Protection



We make it **possible**



# RUBBER SLEEVES

## Acoustic, Thermic & Mechanical Protection

Rubber experts since 1853, Hutchinson designs and manufactures a complete range of compact and cellular rubber. From the development of materials in our research and innovation center to the production in our plant, the process is fully integrated, guaranteeing the highest level of quality.

### HUTCHINSON EXPERTISE

Hutchinson designs and manufactures extruded rubber sleeves covering a wide range of applications: acoustic insulation, mechanical protection, or thermal insulation for all types of applications.

Our expertise and know-how enable us to design sleeves that perfectly meet our customers' needs, ensuring safety and comfort for a wide range of markets including automotive, construction and public works, railways, cabling and household appliances.

We offer several types of rubber sleeves in various compounds, thicknesses, sizes and shapes.

### MATERIAL CHARACTERISTICS

Properties	PN 150	PN 250	EP 250	EP300-HE (High Elasticity)	CM 350
<b>Elastomer basis</b>	NBR-PVC	NBR-PVC	EPDM	EPDM	CM
<b>Density<sup>(1)</sup></b>	150 kg/m <sup>3</sup>	250 kg/m <sup>3</sup>	250 kg/m <sup>3</sup>	300 kg/m <sup>3</sup>	350 kg/m <sup>3</sup>
<b>Temperature resistance<sup>(2)</sup></b>	- 40°C + 90°C	- 40°C + 90°C	- 40°C + 130°C	- 40°C + 130°C	- 40°C + 130°C
<b>Tearing resistance</b>	NFR 99-211	NFR 99-211	NFR 99-211	NFR 99-211	NFR 99-211
<b>Volume resistivity (DC methods)</b>	IEC 62631-3-1	/	IEC 62631-3-1	IEC 62631-3-1	IEC 62631-3-1
<b>Thermal conductivity</b>	0,048 W/m <sup>o</sup> K	0,057 W/m <sup>o</sup> K	0,057 W/m <sup>o</sup> K	0,061 W/m <sup>o</sup> K	0,065 W/m <sup>o</sup> K
<b>Heat capacity (DSC)</b>	1.6 to 2.2 J.g- 1.°C-1	1.6 to 1.9 J.g- 1.°C-1	1.8 to 2.0 J.g- 1.°C-1	1.5 to 2.0 J.g- 1.°C-1	1.6 to 1.9 J.g- 1.°C-1

<sup>(1)</sup> indicative average density / may vary depending on dimensions of the end-product

<sup>(2)</sup> refer to product data sheet

### SLEEVES TYPES

#### Dimensions

- > Inside diameter: from 3 to 28 mm
- > Outside diameter: from 7 to 46 mm
- > Other dimensions may be considered after in-depth study according to your criteria

#### Customization

- > In coils or bulk
- > Cut to length (pre-slit on request)
- > Spiral-cut or star-shaped inside diameter for easy assembly
- > Different types of appearance

