

Sealing bellows for ball pivot joints

Sealing bellows in the form of single-convolution or double-convolution bellows are primarily used for ball joints in tie rods in steering systems and chassis. In the connection areas, metal or plastic rings can be vulcanized-in as reinforcement, depending on the use. Sealing bellows are made in CR material.

Articulated shaft bellows

The articulated shaft bellows known as axle boots are used in the front- and rear-wheel drive systems of cars, construction machinery and commercial vehicles, for example. They ensure steady lubrication of the joint and reliable and durable sealing against the emission of grease and the ingress of dirt. These boots are produced in TPE/TEEE.

Drive shaft bellows

These boots, with the geometry of roll bellows, for example, are used on the drive shafts of rear-wheel- or all-wheel-drive vehicles such as SUVs. They are often made of CR or HNBR.

Related documents

Sales Sheets

 Dust covers

Dust covers protect systems from environmental contaminants and extend the life of critical joints over the lifetime of a vehicle. Freudenberg Sealing Technologies manufactures a variety of dust covers as part of its boots portfolio in Shelbyville, Indiana, and Berlin, Germany.

Relevant market segments

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As the leading specialist in sealing applications and their market, Freudenberg Sealing Technologies is a supplier as well as a development and service partner serving customers in a wide variety of industries, including the automotive industry, civil aviation, mechanical engineering, shipbuilding, the food and pharmaceutical industries, and the agricultural and construction machinery.

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