

Rubber Disk Bellows

HALLTECH

You need round, oval or rectangular custom bellows...

- without tooling cost,
- with long extension and extremely short minimum length,
- absolutely dust and liquid-tight,
- single pieces or small batches,
- of high dimensional stability,
- on short notice?



...we have the answer: **HALLTECH Rubber Disk Bellows.**

HALLTECH Rubber Disk Bellows are used above all in mechanical engineering, in medical engineering and in agriculture to protect hydraulic or pneumatic cylinders, ball-type linear drives, trapezoidal spindles, piston rods, etc.

Manufacturing process: From mixing and rolling out the material to punching out the rubber disks right up to vulcanization, every step of the production process is meticulously controlled. Finally, the rubber disks are ground so that they will have a smooth surface when compressed. This gives these bellows a special optical appeal that cannot be found in any other type of bellows.

Materials: We use special CSM and NBR rubber mixtures. As a rule of thumb, **CSM** Rubber is

particularly well-suited for outdoor use where high UV and ozone resistance are needed. **NBR** rubber, on the other hand, is preferable for bellows that come into close contact with oil and grease. Special materials are available to suit special conditions.

For **fitting** the bellows, customers may choose between cuffs or flanges. HALLTECH Rubber Disk Bellows can be used in a vertical, horizontal or inclined position. Depending on what is to be protected at what extension, we use our time-tried **sliding bushings and backup washers.**

Since Rubber Disk Bellows are absolutely tight, adequate air change is indispensable. On request, we will provide suitable **air vents.**