



## APSOvib® range of buffers – vibration isolation elements in rail transport technology

**Antivibration technology plays a very important role in modern rail transport. In order to effectively isolate all sorts of vibrations and shocks, furnishings and equipment in trains are outfitted with vibration-isolating mountings. With its comprehensive range of buffers geared to the needs of the rail industry, Angst + Pfister guarantees vibrationless riding comfort.**

### **Technical application challenge**

Whether it's doors, folding tables, seats, electrical power trains, pumps or transformers in motive power vehicles, train components are subjected to exceptional strains. Vehicular motion gives rise to shocks and vibrations that, if left undamped, not only impair smooth riding comfort, but can also cause damage. In the building of railway vehicles, it is therefore important to minimize potential vibrations to the greatest possible extent through vibration isolation technology measures in order to treat passengers, furnishings and equipment with care.

### **Technical solution**

Angst + Pfister supplies solutions in the form of a widely diversified array of mounting elements. Our high-grade buffers absorb vibrations, cushion them and dampen their impact to a minimum. They are installed on air-conditioning units, control and securing elements, and noise protection products just as appropriately as they are on furniture and doors. APSOvib® buffers are optimally attuned to the static and dynamic load forces acting on a given object or structure. In carriages and locomotives, round buffers serve as vibration-isolating fixing elements. Stop buffers made of natural rubber optimally soften function-related shocks caused by boarding doors, sliding doors and hinged hatches.

### **Angst + Pfister – product solutions in the area of antivibration technology**

As a supply and solutions partner, Angst + Pfister understands the needs of the rail transport industry. Our APSOvib® range of buffers offers a selection of approximately 1,000 different items: round buffers and stop buffers in 13 shapes, countless sizes and three grades of hardness distinguish the balanced and clearly arranged product portfolio. APSOvib® buffers meet DIN standards 95363 and 95364, are RoHS-compliant, and are available for immediate delivery thanks to our extensive warehouse inventory. Finding the right product – with the help of Angst + Pfister's skilled specialists on request – is also especially easy thanks to the inclusion of spring characteristics in the product specs.

#### **Your contact**

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