

Article number/ Available dimensions:	309770010 – 130 mm 309780010 – 155 mm 309790010 – 180 mm
Product name:	GEBHARDT flex.x-ATEX
Description:	Special-PVC with sealing lips on both sides for building rectangular flexible duct connectors. Extruded PVC in one piece. Also suitable for round compensators. Antistatic for EX-protected areas
Material:	PES (Polyester)
Colour:	black
Thickness:	0,6 mm
Tensile strength:	Wrap: 1500 N/5 cm; Weft: 1500 N/5 cm
Surface resistance:	$< 1 \times 10^8 \text{ Ohm}$
Column strength:	Min. 25.000
Dimensions/Weight:	130 mm – 0,33 kg/m 155 mm – 0,39 kg/m 180 mm – 0,45 kg/m
Temperature resistance:	-10°C / +70 °C
PU:	Rolls à 70 m Pallets à 350 m
Remarks:	<ul style="list-style-type: none">• Bellow with sealing lip in ATEX style• Endless on roll goods• Free of silicone• Not suitable for transportation flammable bulk material or for transport of highly inflammable liquids.

The intention of this product leaflet is to provide non-binding information and should only be interpreted as such. The information takes the current state of technical developments and developments in the chemical industry. We reserve the right to make modifications relating to the product as well as to develop it further. No liability on our part can be derived from this. Users should check the suitability of the product for the intended purpose by conducting their own tests.

Notice:

The conductive elastomer cloth, which decouples the two flex.x frames from each other, is friction-locked with them and can thus be integrated into the operational potential equalization.

Provided that: the fact that the compensator is permanently and safely integrated into the operational potential equalization with a bleeder of $< 10^6 \Omega$ and is not exposed to highly charge-generating processes, there are no concerns from an electrostatic point of view about the use of the compensator in zones 0, 1 and 2 with substances of gas explosion groups IIA, IIB and IIC, as well as in zones 20, 21 and 22 with substances of dust explosion groups IIIA, IIIB and IIIC.

For the permanent welding of the bellows, the flex.x welding tape - ATEX (Art. No. 309800020) must be used exclusively.