

AFLEX®



PRODUCT

Aflex Bellows Assemblies

XB

EXTERNALLY PRESSURISED BELLOWS
ASSEMBLY



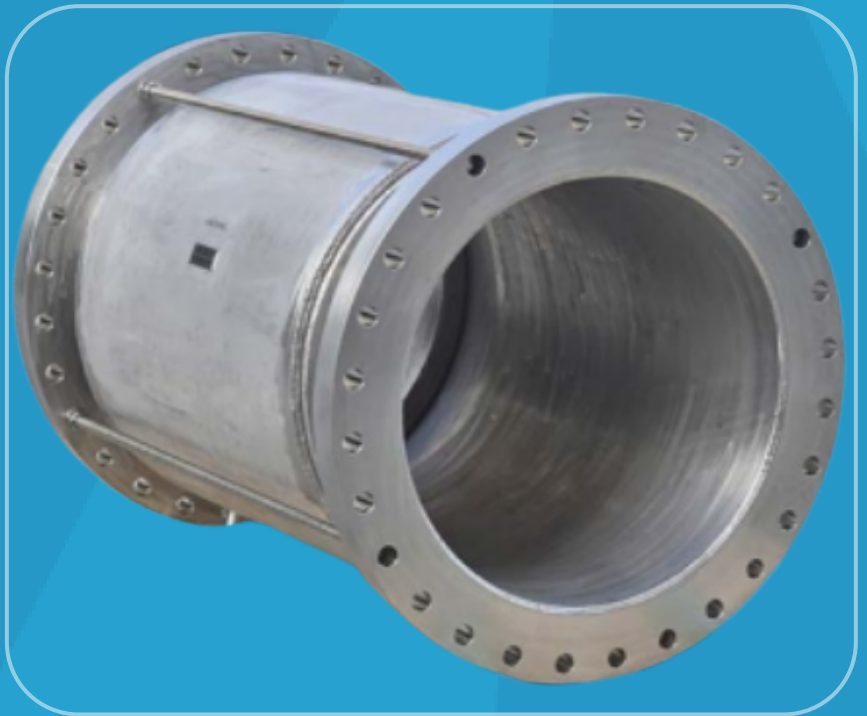
Aflex Externally Pressurised Bellows Assemblies (XB) consist of a single bellows element welded to overlapping lengths of pipe, fitted with flanges. With this design, the pressure of the pipeline is applied externally to the bellows, with the inside remaining at atmospheric pressure.

This allows for the bellows to have many more convolutions as it is more stable and also prevents the bellows from failing through squirm.

An Aflex XB allows for large amounts of axial deflection in long straight pipe runs and no lateral or angular deflection.

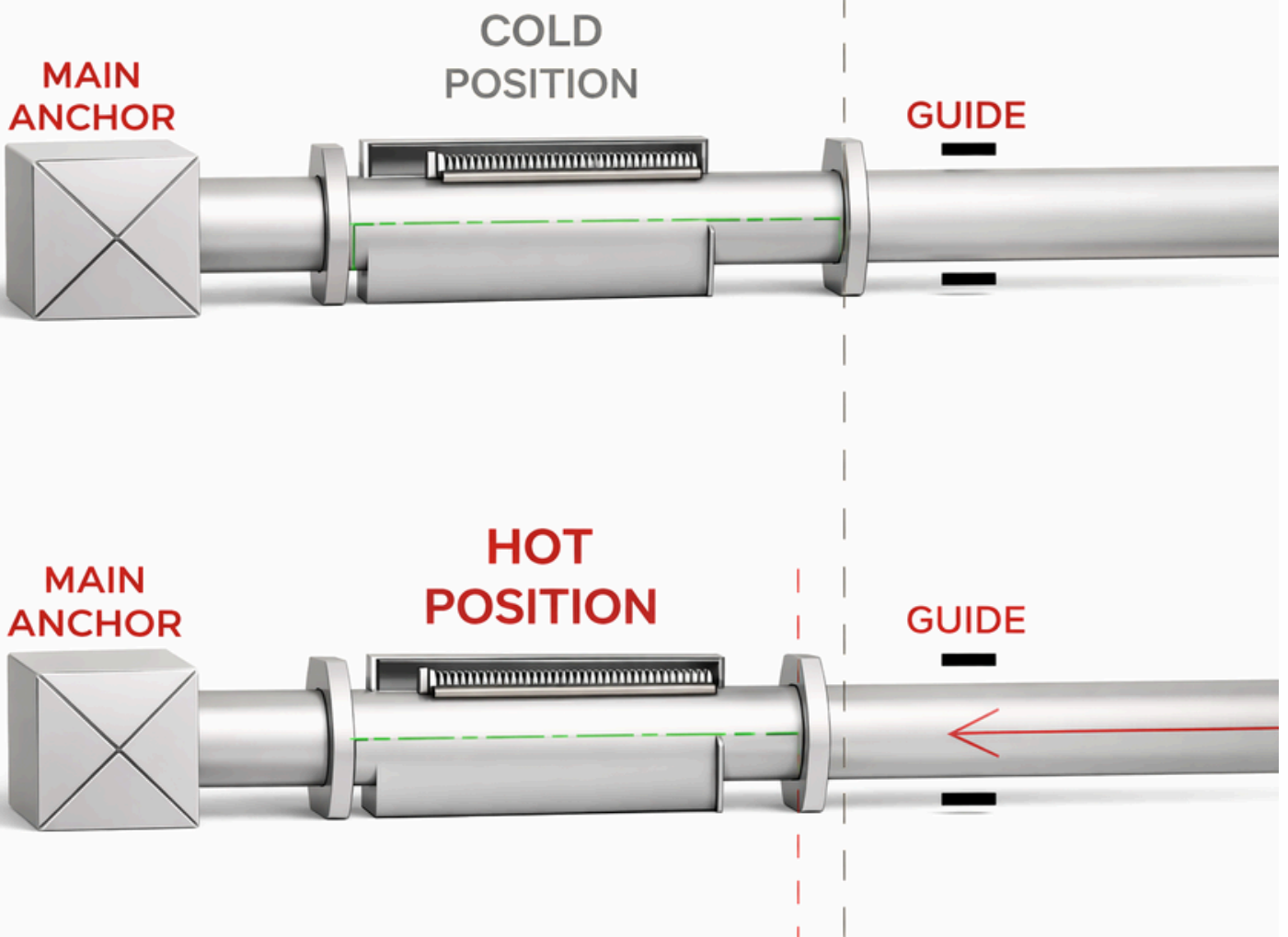


XB assemblies are unrestrained, and will transmit pressure thrust onto the pipeline, therefore, it must be properly restrained by anchors and pipe guides to prevent damage to the pipeline and other equipment.



XB – Externally Pressurised Bellows Assembly

Applications	Common Pressure
Steam lines	1000kPa
Water lines	1600kPa
Data centre piping	1400kPa
Cooling lines	1000-1600kPa
Heating lines	1000-1600kPa



EXPLORE MORE
PRODUCT GALLERY



AFLEX®

☎ (02) 9457 7530

✉ sales@aflex.com.au

🌐 www.aflex.com.au

📍 Units 14-17, 12-14 Beaumont Road,
Mount Kuring-gai NSW 2080

