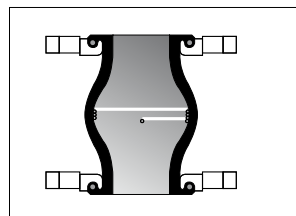


Functions and advantages

- ▶ Compensate for thermal elongation.
- ▶ Isolate vibrations.
- ▶ Absorb water hammers.
- ▶ Compensate misalignments.
- ▶ Ensure sealing of the pipe.

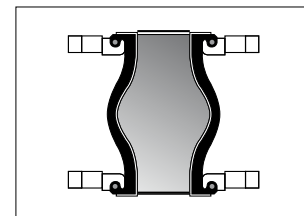
Stainless steel vacuum ring

The vacuum ring is recommended when the expansion joint is used in negative pressure (pumps, etc).
Available in stainless steel 316 Ti.



PTFE lining

PTFE lining is recommended for acids and strong and/or condensed bases. Movements allowed by the expansion joints are then reduced by 50%. The use in negative pressure is forbidden. Maximal pressure: 6 bar.



Materials and applications of TEGUFLEX® Expansion Joints

Color stripe	Inner tube	Outer cover	Maximal temperature	Applications
RE	EPDM	EPDM	- 35/+ 90 °C	WATER Hot water, cooling water with salt solutions, chlorine solutions, esters and ketones.
HP	EPDM HP	EPDM	- 35/+ 130 °C	STEAM 130 °C Hot water, vapour, hot air up to 130 °C.
DW	EPDM ACS	EPDM	- 25/+ 90 °C	ACS Drinkable water (ACS certificate : 08 MAT LY 095).
WH	NITRILE BLANC	ECO	- 25/+ 90 °C	FOOD Food and beverages. Including fats and oils.
YE	ECO	ECO	- 25/+ 90 °C	OIL Water, saline solutions, alkalis, mineral oils, vegetable or animal oils, oils aerosols,
HO	HNBR	HNBR	- 25/+ 120 °C	OIL 120 °C Oil, mix of water and oils, mix of compressed air and oils, etc...
BL	SBR	CR	- 35/+ 90 °C	ABRASION Abrasive materials, suspended stones, mud, calcium, etc...
GR	CSM	CR	- 25/+ 90 °C	CHEMICALS Strong and concentrated acids, etc... Compressed air that bears oil aerosols.
FP	Viton®	Viton®	- 20/+ 150 °C	CHEMICAL HIGH TEMPERATURE Chemical products highly aggressive with high temperature up to 150 °C.