

Features & Characteristics

AFA Style 99 rubber expansion joint are specially designed in a spherical shape and the rubber ball is reinforced with steel wire and nylon and then finally vulcanised under high pressure. The joint is supplied with floating metallic flanges or FMCB unions. Because of its spherical ball shape, it poses high resistance to explosion and its elastic structure enable pipeline system to have the following characteristics.

SUPERIOR ABSORPTION OF VIBRATION - NOISE - SHOCK

AFA Style 99 rubber expansion joints are engineered to reduce vibration, noise and movement inherent in piping systems. Installation of the style 99 joints will enable the isolated equipment to move freely, eliminating vibration and repelling sound which is prevalent in metallic type joint. Water hammer, pumping impulse and waterborn noise are cushioned and absorbed by the AFA style 99 rubber expansion joints.

COMPENSATE GREATER ELONGATION, COMPRESSION, LATERAL AND ANGULAR MOVEMENT

Equipment such as pump, chillers, cooling tower, compressors and piping systems move out of alignment due to wear, load stress and during the setting of foundation blocks. AFA style 99 rubber expansion joints compensate for lateral, torsional and angular movement to prevent damage which eliminate costly downtime in plant operation.

OUTSTANDING PRESSURE RESISTANCE

It excels in pressure resistance by the combination of spherical structure with super stability against internal pressure and strong special reinforcing nylon. AFA style 99 rubber expansion joints display an outstanding pressure resistance of bursting pressure.

WIDER CHOICE OF POLYMERS

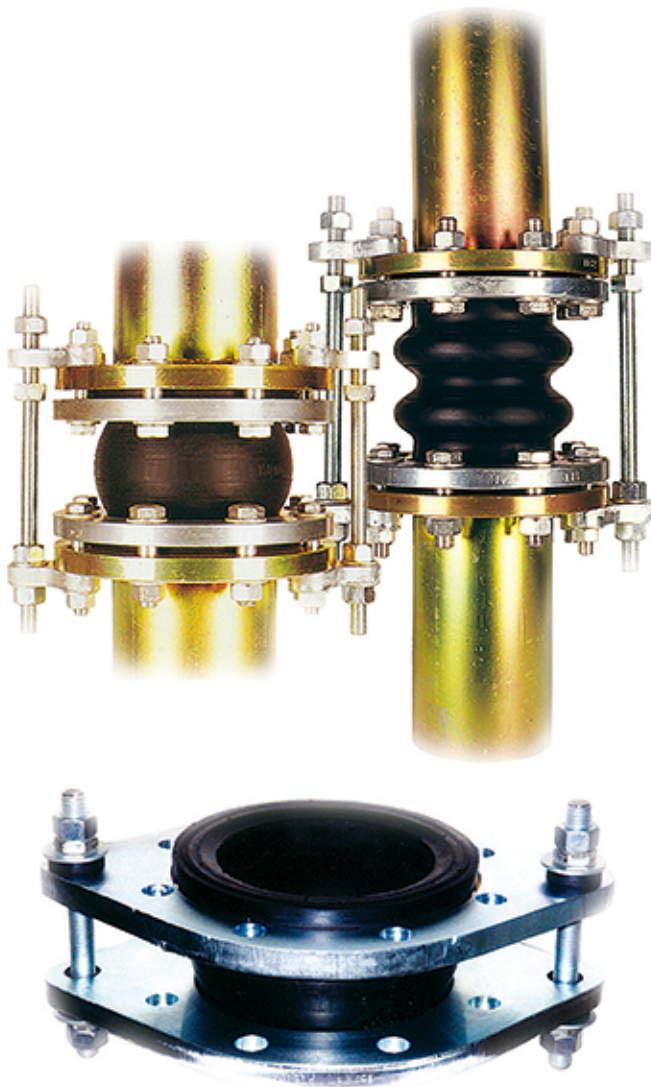
AFA Style 99 rubber expansion joints can be manufactured and supplied in the following polymers to cover different fluid application.

*Neoprene *EPDM *Natural Rubber *Nitrile *Etc



AFA STYLE 99 RUBBER EXPANSION JOINT

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INTERCHANGEABLE OF FLANGE TYPE AND MATERIAL

AFA Style 99 flanged end rubber expansion joints can be supplied with a number of flanges combination. These flanges included DIN, ANSI, JIS, BS and other special type of flanges. The range can also be supplied with a variety of flange materials to suit a wide range of applications. These materials include carbon steel, stainless steel, bronze, brass and PVC.

SPEED OF INSTALLATION WITH METALLIC FLANGES WHICH ARE EASY TO ALIGN

AFA Style 99 flanged end rubber expansion joints are supplied with loose floating metallic flanges which are easy to rotate. This allows for easy mating flanges and reduces installation time.

INTERCHANGEABLE OF UNION MATERIAL AND THREAD STANDARD

AFA Style 99 TU, TUA and TUF rubber expansion joints are interchangeable with all kind of unions to solve the different pipe materials and unions with NPT threaded are also available on request. The AFA 99 TU and TUF using malleable iron union with BSP threaded as standard unions.

DURABILITY AND QUALITY

AFA Style 99 rubber expansion joints are manufactured from special synthetic rubber and stringent control of forming chemical composition and every step in the process is stringent controlled and documented before shipment.

OTHER ADVANTAGES

- No gasket and packing is required
- Low cost due to mass production.