



## FENNER TriFlex tension force Coupling element

Fenner TriFlex cord-reinforced flexible couplings can be trusted for installation in the most diverse drive train applications, where resistance to shock stress is required and silent operation is important, such as fan, pump and compressor drives and machinery used in the agriculture, construction and marine industries.

Utilising the tension force principle, Fenner TriFlex couplings offer an efficient and cost effective alternative to traditional compression couplings. They are very compact, lightweight and low maintenance.

### Characteristics

**Series:** TriFlex

### Application

- Fenner® TriFlex Couplings are lightweight and compact –typically one third of the weight of a traditional compression coupling
- Individual elements of the coupling can be replaced quickly without the need to move the motor or driven load
- Drive train torque peaks can be effectively dampened
- Precise oscillatory tuning of the whole drive train can be achieved with ease
- For special projects the stiffness of the reinforced cords in Fenner® TriFlex couplings can be individually adjusted in all directions to compensate for radial, axial and angular misalignment
- Ideal for fans, pumps, compressors and mixers and agricultural machinery as a flexible connecting element

### Construction

- Corrosion resistant
- Tenpu® fibre technology
- High quality elastomer element body
- High grade forged steel flanges
- 10.9 grade bolts

### Execution

- All metal parts have electro plated corrosion resistant coating

### Approval

- ATEX certified

| Type            | Size | Article  |
|-----------------|------|----------|
| Elastic element | 75   | 13471450 |
| Elastic element | 96   | 13471474 |
| Elastic element | 120  | 13471478 |
| Elastic element | 140  | 13471482 |
| Elastic element | 180  | 13471485 |
| Elastic element | 220  | 13471489 |

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