

Teknikum® TITAN™ Flexible rubber joints for pressure



APPLICATIONS

Teknikum TITAN™ flexible rubber joints are used as a part of pipelines in a light duty applications, where slow and slight heat expansion elimination is needed, and joint can be attached with band clamps.

Usual applications exist e.g. in process industry, machine building and civil engineering industry, where either air condition, air exhaust, wastewater or rainwater pipelines require flexible joints. In these applications flexible rubber joint may work as a sleeve, sealing or pipe protection.

One of the biggest advantage of these joints is the high customization level. A joint may be made of many alternative materials, with or without textile reinforcement, with smooth inner surface or with a slight bellow, and finally with slightly different inner diameter in different hose ends.

ADVANTAGES

- Safe and durable material handling solution
- Excellent resistance to abrasion and weather
- Eliminates vibrations and noise
- EPDM, NR and NBR material options for wear, chemical and oil resistance
- Quick and easy installation

TECHNICAL PROPERTIES

Structure

- Cover and tube:
 - NR, wear- resistant - type **LJR**
 - NBR, oil- resistant - type **LJS**
 - EPDM, chemical resistant - type **LJE**
- Optional
 - Textile reinforcement
- Rubber joint model variations
 - Straight
 - With bellow
 - Asymmetric inner diameters on joint ends

Temperature range

- NR: -40°C... +70°C
- NBR: -40°C... +90°C
- EPDM: -40°C... +100°C

SUITABLE COUPLINGS AND FLANGES

We recommend band clamps for hose tightening.

See connecting versions details in:

- **Hose clamp** datasheet

3D-model library for connecting hoses

www.teknikum.com/3D

MANUFACTURER

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