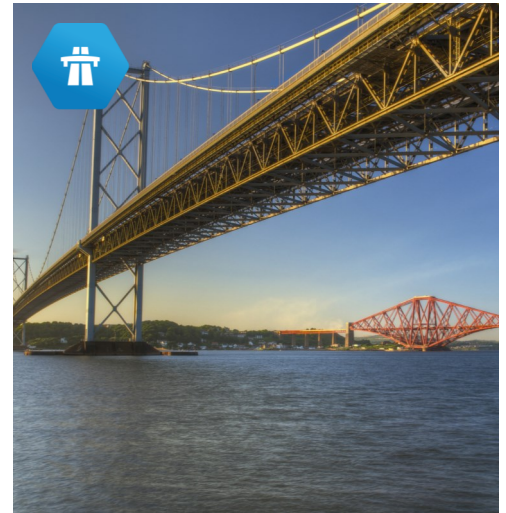
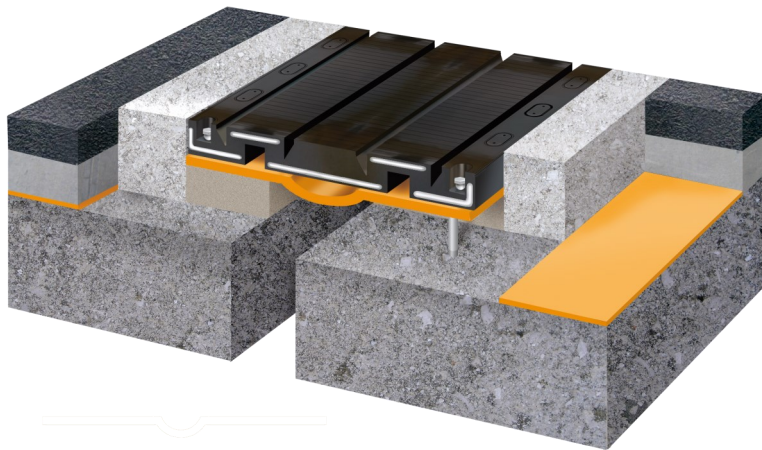


Reinforced Elastomeric Joint System

The Transflex® design is based on steel reinforced rubber modules, which absorb expansion, contraction, translation and rotation movements with remarkable comfort to traffic, effectively sealed, low maintenance and easy replacement.

Transflex® models are numbered from TR270 to TR380 and cover a movement range from **270mm to 380mm**.



The Transflex® range is supplied in modules of specific length to be anchored to both sides of the structural joint. Special pieces for kerbs, walkways, skewed ends or any road contour can be manufactured for any Transflex® model.

Please contact info@usluk.com for information.

Movement Table

Models	Movement* (mm)	Module								Stud		
		L (mm)	H (mm)	W (mm)	Wgt. (Kg)	CL (mm)	CL (mm)	G (mm)	T (mm)	MxB (mm)	Øa (mm)	b1 (mm)
TR 270	270 (±135)	1830	73	888	273	798	305	155	146	M-20 x 200	22	50
TR 380	380 (±190)	1830	96	1202	445	1153	305	210	192	M-24 x 220	26	60

CT: Transverse distance between anchors

CL: Longitudinal distance between anchors

G: Maximum structural gap of the Transflex element at installation

T: Transition width

M: Bolt Diameter

T: Transition width

M: Bolt diameter

B1: Recommended height of the bolt over the mortar bed

* Movement allowed with any skew degree



Transflex TR270 - TR380



Reinforced Elastomeric Joint System

Technical Data

Elastomer Properties	Value	Test Method
Hardness	62±5 Shore A	ASTM D2240
Tensile Strength	>160 kgs/cm ²	ASTM D412/NFT 46002
Elongation At Break	>425%	ASTM D412/NFT 46002
Rubber-Steel Adhesion	11,8 min N/mm	ASTM D429 Method B
Low Temperature Strength	-30°C	ASTM D1329
Ozone Resistance	No cracks	ASTM D395 Method B (24 hours at 70°C)
Compression Set	35% max def	ASTM D395 Method B (24 hours at 70°C)
Thermal Aging	<5 Shore A -15% Tensile Strength -25% Elongation At Break	ASTM D573 Hot Air (70 hours at 70°C)

Metal Component:

Steel fabricated acc. ASTM Type A572 - S355

Alternative Applications:

- Large Structures
- Bridges & Viaducts In Seismic Areas
- Medium Sized Structures



Notes:

- We strive to provide reliable technical information of our products. Recommendations or advice on their use have been made in good faith based on our experience. However, it is the user or designer responsibility to ensure that each product satisfies the intended purpose and conditions for use are adequate.
- Values stated in this datasheet correspond with mean test results and are only indicative.
- Whilst all reasonable care is taken in compiling technical data on the company's products, some changes might take place or some figures might be wrong with no responsibility for the manufacturer. Also all recommendations or suggestions regarding the use of any products are made without guarantee since the conditions of use are beyond control of the company. It is customer's responsibility to satisfy him/herself that each product is fit for purpose for which he intends to use it and that the actual conditions of use are suitable.



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