



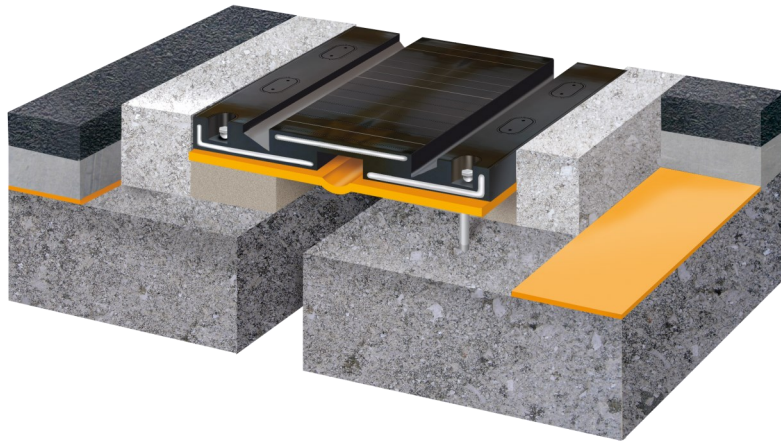
Transflex TR50 - TR180



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 TR50 to TR180 and cover a movement range from **50mm to 180mm**.



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 50	50 (±25)	1750	35	240	25	190	250	40	70	M-12 x 150	14	27
TR 80	80 (±40)	1830	40	274	37	220	305	55	80	M-14 x 150	16	32
TR 110	110 (±55)	1830	46	356	56	279	305	70	92	M-14 x 150	16	40
TR 140	140 (±70)	1830	54	432	78	342	305	85	108	M-16 x 170	18	42
TR 180	180 (±90)	1830	66	470	106	390	305	105	132	M-16 x 170	18	45

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



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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)

Metal Component:

Steel fabricated acc. ASTM Type A572 - S355

Alternative Applications:

- Car Parks
- Pedestrian Bridges
- 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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