

KRASOflex® Expansion Joint Tapes

According to factory standard, DIN 18541 or DIN 18541 BV

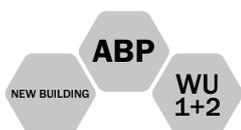
- + **Factory standard with general building authority test certificate (abP):**
Joint tapes in factory standard quality are made on the basis of PVC-P (“soft PVC“). They are perfectly suited for use in waterproof concrete structures with normal exposure. Characterised by their excellent workability, weldability and durability, they offer a great price-performance-ratio.
- + **DIN 18541:**
Joint tapes of this quality level meet the requirements of the German Industry Standard for thermoplastic joint tapes for sealing joints in concrete. Based on the material PVC-P, a special composition achieves a particular high quality in terms of elasticity, breaking extension and tensile strength. Joint tapes of this quality level are required for construction projects with very high loads.
- + **DIN 18541 BV:**
Joint tapes of DIN 18541 quality are also optionally available in a bitumen-compatible (BV) version.

KRASOflex® Expansion Joint Tapes D and DA

material properties acc. to DIN 18541-2

Material properties according to DIN 18541-2		
Characteristic values	Requirements	Specification
Tensile strength	≥ 10 MPa	DIN EN ISO 527
Elongation at break	≥ 350 %	DIN EN ISO 527
Cold behaviour: elongation at break at -20°C	≥ 200 %	DIN EN ISO 527
Shore A hardness A	67 ± 5	DIN EN ISO 868
Tear propagation resistance	≥ 12 kN/m	DIN ISO 34-1
Behaviour of the joint during the tensile test Short-term joining factor fz	≥ 0.6	DIN EN ISO 527
Fire behaviour	class E	DIN EN 13501-1
Behaviour after storage in bitumen ¹		
- Tensile strength - elongation at break		DIN EN 13304
· Tensile strength	< 20 %	DIN EN ISO 527-2
· Elongation at break	< 20 %	DIN EN ISO 291

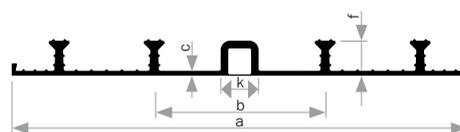
¹ Joint tapes compatible with bitumen (BV)



KRASOflex® Expansion Joint Tape DA

KRASOflex® Expansion Joint Tape DA made of thermoplastic, external, for the sealing of horizontal and vertical expansion joint tapes in waterproof concrete buildings. Material properties and profile geometries of the joint tapes meet the requirements according to DIN 18541 and may therefore be used with pressing and non-pressing water, as well as with floor moisture in accordance with DIN 18197. Available on request as a bitumen-compatible design.

Type	a (mm)	b (mm)	c (mm)	f (mm)	k (mm)	Number of locking anchors
DA 240/20	240	90	4	20	20	4
DA 240/35	240	90	4	35	20	4
DA 320/25	320	100	4	25	20	6
DA 320/35	320	100	4	35	20	6
DA 500/35	500	120	4	35	20	8



Profile geometries

KRASOflex® Expansion Joint Tape DA **LG 4**

external expansion joint tape, available in factory standard with abP, DIN 18541 and DIN 18541 BV

Item	KRASOflex® Joint Tape DA 240	KRASOflex® Joint Tape DA 320	KRASOflex® Joint Tape DA 500
Profile width in mm	240	320	500
Standard anchor height in mm	20	25	25
Roll length in metres	25	25	20
KRASOflex® Joint Tape DA (factory standard with abP)	13.40 € per metre	18.60 € per metre	-
KRASOflex® Joint Tape DA (factory standard with abP, 35 mm anchor)	19.20 € per metre	23.20 € per metre	34.90 € per metre
KRASOflex® Joint Tape DA (acc. to DIN 18541)	17.00 € per metre	24.60 € per metre	-
KRASOflex® Joint Tape DA (35 mm anchor, acc. to DIN 18541)	24.30 € per metre	29.00 € per metre	45.80 € per metre
KRASOflex® Joint Tape DA (acc. to DIN 18541 BV)	21.50 € per metre	29.50 € per metre	-
KRASOflex® Joint Tape DA (35 mm anchor, acc. to DIN 18541 BV)	29.20 € per metre	34.90 € per metre	67.80 € per metre