

DILATOFLEX

Rubber Bellows Expansion Joints - Flexible Pump Bellows for Pipework for Anti-Vibration, and the Absorption of Movement and Thermal Expansion in Pipelines



TYPE OF EXPANSION JOINT	Nominal Diameter ND (mm)	Max permissible pressure (bar)	Drilling standard	Rubber grades										
				CC	DW	EPC	ES	AR CN	GZ	HH	YP	AB	TE	F1
KLEDIL	20 up to 50	12 up to 7	BSPT threading	■	■	■			■					
DILATOFLEX®	K & T	32 up to 450	16	■	■	■	■	■	■	■	■	■	■	■
		12	Floating flanges	■	■	■	■	■	■	■	■	■	■	■
		6		■	■	■	■	■	■	■	■	■	■	■
	KP & TP High Pressure	32 up to 450	25	■	■	■	■	■	■	■	■	■	■	■
			Floating flanges	■	■	■	■	■	■	■	■	■	■	■
	KT & TT With Tie Rods	32 up to 450	16	■	■	■	■	■	■	■	■	■	■	■
		12	Flanges with integrated tie-rods	■	■	■	■	■	■	■	■	■	■	■
		6		■	■	■	■	■	■	■	■	■	■	■
	NT	20 up to 32	12	■	■	■	■	■	■	■	■	■	■	■
	F	300 up to 1200	10	■	■	■	■	■	■	■	■	■	■	■
	T2	250 up to 450	16	■	■	■	■	■	■	■	■	■	■	■
	N	500 up to 3000	≥ 10	■	■	■	■	■	■	■	■	■	■	■
	M MD MS MA MB	500 up to 2600	8 up to 4	■	■	■	■	■	■	■	■	■	■	■
			Steel backing flanges	■	■	■	■	■	■	■	■	■	■	■

LINING GRADE	DESIGNATION and CORRESPONDING LABEL'S COLORS	TYPICAL APPLICATIONS	W.T. (WORKING TEMPERATURE)	
			MIN.	MAX.
CC Green label		Central heating and air conditioning water	- 35 °C	+ 90 / 110 °C
DW Blue label		Drinking water Domestic cold and hot water	- 25 °C	+ 105 °C
EPC Cream label		Food products Drinking water Domestic cold and hot water	- 25 °C	+ 95 °C
ES Steel carcass		Superheated water Water vapour	- 35 °C	+ 140 °C
AR / CN Red label		Abrasive or corrosive products (weak acids and bases) Industrial water – Sea water Low-temperature water vapour	- 35 °C	+ 90 °C
GZ Orange label		Gas – Compressed air Fuel – Oil Petroleum products with aromatic content <40% Sanitation water	- 20 °C	+ 90 °C
HH Blue label		Industrial and waste water Hydrogen gas, nitrogen	- 20 °C	+ 90 °C
YP Yellow label		Strong acids and bases Aggressive chemicals	- 25 °C	+ 100 °C
AB Grey label		Strong acids and bases Weak chlorinated products	- 35 °C	+ 100 °C
TE Mauve label		Industrial water Acidulated water Diluted acids and bases	- 25 °C	+ 100 °C
F1 White label		Special highly aggressive products PTFE liner (working pressure limited to 6 bar max.)	- 35 °C	+ 110 °C

We reserve the right to change our products' specifications when necessary without notice.

Distributor:

Mercia Flexibles • www.merciaflexibles.co.uk
Ludlow Eco Park • Ludlow • Shropshire • SY8 1FF • United Kingdom
Tel: +44 (0)1584 874999 • Email: dilatoflex@merciflexibles.co.uk