

DILATOFLEX®

range



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	BSP conical threading	■	■	■			■					
DILATOFLEX® 	K 32 up to 300	16	Floating flanges	■	■	■			■		■		■	
		12		■	■	■			■		■		■	
		6		■	■	■			■		■		■	
	KP 32 up to 300	25	Floating flanges (1)		■				■				■	
		16		■		■			■		■		■	
		12		■		■			■		■		■	
	KT 32 up to 300	6	Flanges with integrated tie-rods	■		■			■		■		■	
		16		■		■			■		■		■	
		12		■		■			■		■		■	
	NT 20 up to 32	12	Steel backing flanges	■		■			■		■		■	
		16		■		■			■		■		■	
		16		■		■			■		■		■	
	T 40 up to 450	16	Steel backing flanges	■		■			■		■		■	
		16		■		■			■		■		■	
		16		■		■			■		■		■	
	T2 250 up to 450	16	Steel backing flanges	■		■			■		■		■	
		16		■		■			■		■		■	
		16		■		■			■		■		■	
	N 500 up to 3000	≥ 10	Steel backing flanges			■			■		■		■	
		≥ 10				■			■		■		■	
		≥ 10				■			■		■		■	
	M 500 up to 2600	8 up to 4	Steel backing flanges			■			■		■		■	
		8 up to 4				■			■		■		■	
		8 up to 4				■			■		■		■	

(1) KP type is available with integrated tie rods, please consult us.

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

Technical Information
AFD-TI- 105/1 from 2008 - 05 - 07

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@merciaflexibles.co.uk