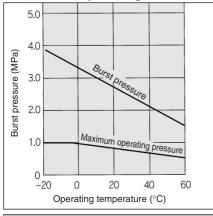
Polyurethane Coil Tubing

Series TCU



For flexible tubing Compact piping possible **Burst Pressure Characteristics**

Curve and Operating Pressure



Be sure to read before handling. Refer to pages 15-18-3 to 4 for Safety Instructions and Common Precautions on the products mentioned in this catalog, and refer to pages 15-1-10 to 11 for Precautions on every series.

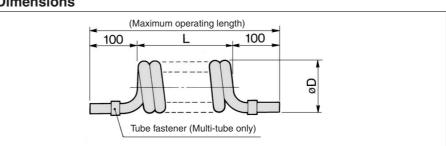
/ Caution

- 1. Please consult with SMC regarding use with any fluids other than air.
- 2. Refer to the burst pressure characteristics curve for other temperatures. Furthermore, abnormal temperature rises caused by adiabatic compression may result in the burst of the tube.

Model/Specifications

Model	TCU 0425B-1	TCU 0425B-2	TCU 0425B-3	TCU 0604B-1	TCU 0604B-2	TCU 0604B-3	TCU 0805B-1		
Number of cores	1 core	2 cores	3 cores	1 core	2 cores	3 cores	1 core		
Tubing O.D. (mm)		4			8				
Tube I.D. (mm)		2.5			5				
Fluid	Air								
Max. operating pressure (at 20°C)	0.8 MPa								
Burst pressure	Refer to the burst pressure characteristics curve.								
Operating temperature	−20 to +60°C								
Material	Polyurethane								
Color	Black								

Dimensions

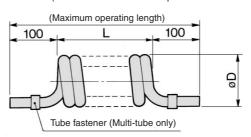


	Specifications Tubing siz		ize (mm)	Coil (mm)		No. of	No. of coil windings	Max. operating	Standard unit
Model		O.D.	I.D.	L	øD	cores	per tube length	length (m)	of packing
TCU)425B-1			210	18	1	52	1.5	
TCU0425B-2		4	2.5	280	28	2	35	1.5	
TCU	0425B-3			265	5 20	3	22	1	
TCU	TCU0604B-1		4	325	24	1	54	2	5 tubes/case
TCU0604B-2		6			37	2	27	1.5	
TCU	0604B-3			305	5 3/	3	17	1	
TCU	0805B-1	8	5	330	31	1	41	2	

^{*} Dimensions are changeable due to material.

Made to Order Change of coil turns, Change of color

(Please contact SMC for specifications in detail, dimensions and delivery.)



Specifications Tubing size (mm)			Coil (mm)		No. of coil	Max. operating	
O.D.	I.D.	٦	øD	cores	tube length (N)	length (mm)	
		N x 4	18	1	3 to 90	L x 5.9 + 200	
4	2.5	N x 8	28	2	3 to 90	L x 4.4 + 200	
		N x 12	28	3	3 to 63	L x 2.9 + 200	
6	4	N x 6	24	1	3 to 90	L x 5.3 + 200	
		N x 12	37	2	3 to 66	L x 3.8 + 200	
		N x 18	37	3	3 to 44	L x 2.5 + 200	
	O.D.	O.D. I.D. 4 2.5	O.D. I.D. L N x 4 4 2.5 N x 8 N x 12 6 4 N x 12	O.D. I.D. L ØD N x 4	O.D. I.D. L ØD cores A 2.5 N x 4 18 1 N x 8 28 2 N x 12 28 3 N x 6 24 1 N x 12 37 2	O.D. I.D. L ØD cores tube length (N) 4 2.5 N x 8 28 2 3 to 90 N x 12 28 3 3 to 63 N x 6 24 1 3 to 90 N x 12 37 2 3 to 66	

	Specifications	Tubing size (mm) O.D. I.D.		Coil (mm)		No. of	No. of coil	Max. operating
Mo	odel			L	øD	cores	windings per tube length (N)	length (mm)
T	CU0805□-1-N-X6		5	N x 8	31	1	3 to 90	L x 5.2 + 200
T	CU0805□-2-N-X6	8		N x 16	42	2	3 to 40	L x 3 + 200
T	CU1065□-1-N-X6	10	6.5	N x 10	52	1	3 to 45	L x 5 + 200
T	CU1065□-2-N-X6			N x 20	52	2	3 to 35	L x 3 + 200
T	CU1208□-1-N-X6	12	8	N x 12	67	1	3 to 35	L x 5 + 200
T	CU1208□-2-N-X6			N x 24	67	2	3 to 30	L x 3 + 200

^{*} D: B (Black), W (White), R (Red), BU (Blue), Y (Yellow), G (Green), C (Clear), YR (Orange)

