Polyurethane Coil Tubing

Series TCU



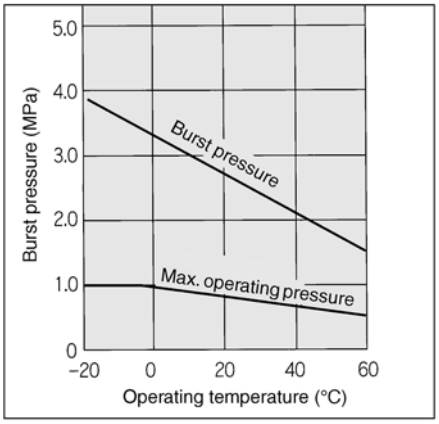
For flexible tubing
Compact piping possible

Specifications

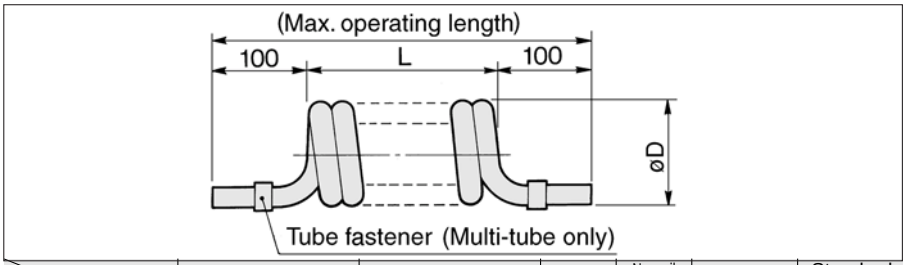
Model	TCU 0425B-1	TCU 0425B-2	TCU 0425B-3	TCU 0604B-1	TCU 0604B-2	TCU 0604B-3	TCU 0805B-1
Number of tubes	1	2	3	1	2	3	1
Tube O.D. (mm)	4			6			8
Tube I.D. (mm)	2.5			4			5
Fluid	Air (1)						
Max. operating pressure (2)	0.8MPa at 20°C						
Burst prssure	Refer to pressure characteristics curve.						
Operating temperature	–20 to +60°C						
Material	Polyurethane						
Colour	Black						

Note 1) Consult SMC if using for other fluids than air.
Note 2) Refer to burst pressure characteristics curve for other temperatures.
Avoid abnormal temperature rises.

Burst Pressure Characteristics Curve



Dimensions



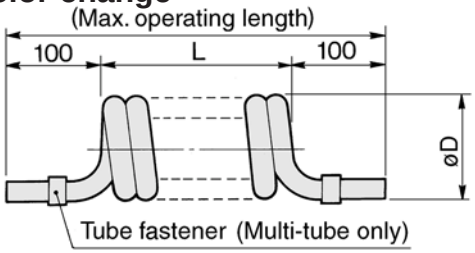
Part No. \ Spec.	Tube size (mm) O.D.	Tube size (mm) I.D.	Dimension of coil (mm) L	Dimension of coil (mm) øD	No. of tubes	No. coil windings per tube length	Max. operating length (m)	Standard unit of packing
TCU0425B-1	4	2.5	210	18	1	52	1.5	5 tubes/ case
TCU0425B-2			280	28	2	35		
TCU0425B-3			265		3	22	1	
TCU0604B-1	6	4	325	24	1	54	2	
TCU0604B-2				37	2	27	1.5	
TCU0604B-3			305		3	17	1	
TCU0805B-1	8	5	330	31	1	41	2	

∗ Dimensions are changeable due to material.

Made to Order

(Consult SMC for detailed specifications, dimensions and delivery.)

Change of coil turns, Color change



Part No. \ Spec.	Tube size (mm) O.D.	Tube size (mm) I.D.	Coil (mm) L	Coil (mm) øD	No. of tubes	No. coil windings per tube length	Max. operating length (mm)
TCU0425□-1-N-X6	4	2.5	N X 4	18	1	3 to 90	L X 5.9 + 200
TCU0425□-2-N-X6			N X 8	28	2	3 to 90	L X 4.4 + 200
TCU0425□-3-N-X6			N X 12	28	3	3 to 63	L X 2.9 + 200
TCU0604□-1-N-X6	6	4	N X 6	24	1	3 to 90	L X 5.3 + 200
TCU0604□-2-N-X6			N X 12	37	2	3 to 66	L X 3.8 + 200
TCU0604□-3-N-X6			N X 18	37	3	3 to 44	L X 2.5 + 200

Part No. \ Spec.	Tube size (mm) O.D.	Tube size (mm) I.D.	Coil (mm) L	Coil (mm) øD	No. of tubes	No. coil windings per tube length	Max. operating length (mm)
TCU0805□-1-N-X6	8	5	N X 8	31	1	3 to 90	L X 5.2 + 200
TCU0805□-2-N-X6			N X 16	42	2	3 to 40	L X 3 + 200
TCU1065□-1-N-X6	10	6.5	N X 10	52	1	3 to 45	L X 5 + 200
TCU1065□-2-N-X6			N X 20	52	2	3 to 35	L X 3 + 200
TCU1208□-1-N-X6	12	8	N X 12	67	1	3 to 35	L X 5 + 200
TCU1208□-2-N-X6			N X 24	67	2	3 to 30	L X 3 + 200

□ → B (Black), W (White), R (Red), BU (Blue), Y (Yellow), G (Green), C (Clear), YR (Orange)