Soft Polyurethane Flat Tubing Multi-core, Multi-color Specification **TUS** Series RoHS

Compact piping possible 8 color variations

TUS related accessories Inner sleeve TJ Series

tubing

Reinforces soft polyurethane tubing Insert an inner sleeve into soft polyurethane tubing when used with Soft polyurethane a One-touch fitting

> Inner sleeve One-touch fitting

Model

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Model	Applicable tubing model	Length
TJ-0425	TUS0425	18
TJ-0604	TUS0604	19
TJ-0805	TUS0805	20.5
TJ-1065	TUS1065	23
TJ-1208	TUS1208	24

Specifications

Material	C2700T (Electroless nickel plated)
Wall thickness	0.2 mm

Precautions

----Be sure to read this before I handling the products. I Refer to back page 50 for Safety Instructions and pages 13 to 17 for Fittings and Tubing 1 Precautions.

▲ Caution

- 1. Abnormal temperature rise caused by adiabatic compression may result in the tube bursting.
- 2. The value of the minimum bending radius is measured at the temperature of 20°C as shown in the figure on the upper right.
- 3. Use inner sleeve, taking the removing force into consideration when used with One-touch fittings.
- 4. As a result of product design characteristics, there are cases of very slight leakage.

Black

SMC

to material.

G

20

Mode		TUS0425	TUS0604	TUS0805	TUS1065	TUS1208
Tubing O.D		4	6	8	10	12
Tubing I.D	. (mm)	2.5	4	5	6.5	8
Black (B)		_ _ •	•	+	•	•
White (W)		_	!	t	!	!
Red (R)			_	_	!	
Blue (BU) Yellow (Y)		-				I
Green (G)		-	I	I	I	
Transluce	nt (N)	- •	i	¥	i	i
Yellow brow		⊣_ ♦	\	+	•	\
	2 cores		I	X169 (Roll)		
umber of	3 cores			X170 (Roll)		
ores	4 cores			X171 (Roll)		
	5 cores			X172 (Roll)		
luid				Air		
lax. operating	20°C			0.6		
ressure	40°C			0.6		
IPa	60°C	0	Note 2)	0.4	Caller or (1)	- starts to A
pplicable fittin in. bending radi		One-touch fit	ting Note 2), Inse 15		ure fitting (Hos	e nipple type) 29
perating temp		, °	15	15 -20 to +60°C	22	29
aterial	Liature	-		Polyurethane		
ube drawing	Without inner sleeve	15	60	60	85	110
trength (N) ing One-touch fitting)	With inner sleeve	80	230	250	300	480
	at a tempera	be into a U shap ature of 20°C. Fi	wLai a.		Pressure	
2) Always use	at a tempera one end an gradually. M the tube bre	ature of 20°C. Fi ad bend the loop leasure 2R when aks or is crushed ve (TJ series) in	e Max operating pressure (MPa)		20 ng temperatu	40 60 re (°C)
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M H/DL L/LL KC KK KK130 DM KDM KB KR KA KQG2 KG KFG2 MS KKA KP LO MQR IDK

KQ2