

# ST Series

Polyurethane tube

Fitting/Speed controller  
(Piping accessories)

ST Series



## Caution

- ※ Applicable for general industrial water, and contact us to use for other kind of fluid. Surge pressure must be under the max. operating pressure. If exceeding that value, fitting may be damaged, and tubes may be burst.
- ※ The value of max. operating pressure is at temperature of 20°C. Refer to the burst pressure characteristics curve for other temperatures. Avoid abnormal temperature rises which may burst the tubes.
- ※ The value of min. bending radius is at temperature of 20°C. Higher temperature makes the tubes bend more.

## How to Order

**ST0425** — **BU** — **(200M)**

1                      2                      3

### 1 Series / Dimensions

### 2 Color

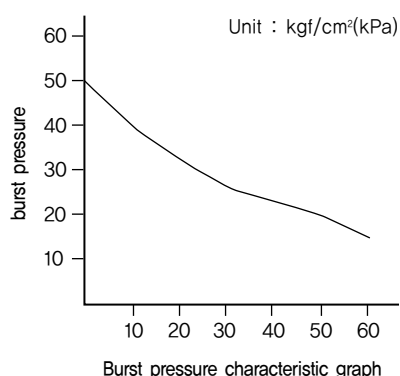
G : Green    Y : Yellow  
R : Red      O : Orange  
B : Black    BUC : Transparent blue  
BU : Blue    C : Transparent  
※ Contact us for other color except above ones

### 3 Length

## Dimensions

Item		Dimension(ST Series)								
Series		ST0402	ST0425	ST0604	ST0805	ST0855	ST1065	ST1208	ST1209	ST1611
O.D.(mm)		4	6	8	10	12	16			
I.D.(mm)		2	2,5	4	5	5,5	6,5	8	9	11
Color	Green(G)	—	○	○	○	—	○	○	—	—
	Red(R)	○	○	○	○	—	○	○	—	○
	Black(B)	○	○	○	○	○	○	○	—	○
	Blue(BU)	○	○	○	○	○	○	○	—	○
	Yellow(Y)	○	○	○	○	○	○	○	—	—
	Orange(O)	—	○	○	○	—	○	○	—	—
	Transparent blue(BUC)	○	○	○	○	○	○	○	—	—
Transparent(C)	○	○	○	○	○	○	○	—	○	
Length(m) per roll		200M			100M					50M

## Specifications



Max. operating pressure	0.7MPa(7kgf/cm <sup>2</sup> )								
Burst pressure	Refer to burst pressure characteristic graph								
Min. bending radius	10	10	15	20	20	27	35	35	
Operating temperature	-20 ~ +60°C								
Material	Polyurethane								

Temperature(°C)	Burst pressure kgf/cm <sup>2</sup> (kPa)	Temperature(°C)	Burst pressure kgf/cm <sup>2</sup> (kPa)
0	50(5000)	40	23(2300)
10	40(4000)	50	20(2000)
20	32(3200)	60	15(1500)
30	27(2700)		