

Automation  
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA



Advantages

Provide differentiation of air line in pneumatic circuits

Usage Instructions

- ✓ Cut the tube - end burr free and square, using Tube cutter and clean the edge to ensure leak tight joints. (Do not use blunt tools / hacksaw / chisel etc.,)
- ✓ Ensure the tube is fully inserted into the fitting - until the positive stop, beyond the 'U' seal.
- ✓ For ensuring proper insertion, pull the tube gently by hand. Polyurethane tube will yield and come out if pulled heavily.
- ✓ Minimum bend radius of the tubing to avoid leakage

Recommended Pressure vs Working Temperature

Maximum Pressure :

Ambient temperature :

|             |              |              |              |
|-------------|--------------|--------------|--------------|
| 10 bar      | 9 bar        | 8 bar        | 7 bar        |
| 5°C to 30°C | 30°C to 40°C | 40°C to 50°C | 50°C to 60°C |

Specification for Polyurethane Tube

| Tube OD | Tube ID | Minimum bend radius (in mm) | Blue    | Black   | Red     | Yellow  | Silver  | Transparent |
|---------|---------|-----------------------------|---------|---------|---------|---------|---------|-------------|
| 4       | 2       | 10                          | PS0402B | PS0402K | PS0402R | PS0402Y | PS0402S | PS0402T     |
| 6       | 4       | 15                          | PS0604B | PS0604K | PS0604R | PS0604Y | PS0604S | PS0604T     |
| 8       | 5       | 25                          | PS0805B | PS0805K | PS0805R | PS0805Y | PS0805S | PS0805T     |
| 10      | 7       | 30                          | PS1007B | PS1007K | PS1007R | PS1007Y | PS1007S | PS1007T     |
| 12      | 8       | 35                          | PS1208B | PS1208K | PS1208R | PS1208Y | PS1208S | PS1208T     |
| 14      | 10      | 130                         | PS1410B | PS1410K | PS1410R | PS1410Y | PS1410S | PS1410T     |
| 16      | 11      | 140                         | PS1611B | PS1611K | PS1611R | PS1611Y | PS1611S | PS1611T     |

Specification for Nylon Tube N6

| Tube OD | Tube ID | Minimum bend radius (in mm) | Blue    | Black   | Red     | Yellow  | Silver  | Transparent |
|---------|---------|-----------------------------|---------|---------|---------|---------|---------|-------------|
| 4       | 2       | 20                          | N60402B | N60402K | N60402R | N60402Y | N60402S | N60402T     |
| 6       | 4       | 40                          | N60604B | N60604K | N60604R | N60604Y | N60604S | N60604T     |
| 8       | 6       | 50                          | N60806B | N60806K | N60806R | N60806Y | N60806S | N60806T     |
| 10      | 8       | 60                          | N61008B | N61008K | N61008R | N61008Y | N61008S | N61008T     |
| 12      | 10      | 80                          | N61210B | N61210K | N61210R | N61210Y | N61210S | N61210T     |
| 14      | 12      | 100                         | N61412B | N61412K | N61412R | N61412Y | N61412S | N61412T     |

Specification for Nylon Tube N12

| Tube OD | Tube ID | Minimum bend radius (in mm) | Blue    | Black   | Red     | Yellow  | Silver  | Transparent |
|---------|---------|-----------------------------|---------|---------|---------|---------|---------|-------------|
| 4       | 2.5     | 20                          | N10425B | N10425K | N10425R | N10425Y | N10425S | N10425T     |
| 6       | 4       | 40                          | N10604B | N10604K | N10604R | N10604Y | N10604S | N10604T     |
| 8       | 6       | 50                          | N10806B | N10806K | N10806R | N10806Y | N10806S | N10806T     |
| 10      | 8       | 60                          | N11008B | N11008K | N11008R | N11008Y | N11008S | N11008T     |
| 12      | 9       | 80                          | N11209B | N11209K | N11209R | N11209Y | N11209S | N11209T     |
| 14      | 12      | 100                         | N11412B | N11412K | N11412R | N11412Y | N11412S | N11412T     |

# PLASTIC TUBING MODEL IDENTIFICATION CHART

| PS           |                | 0402                       |               | B |             | -     |               | -     |            |  |
|--------------|----------------|----------------------------|---------------|---|-------------|-------|---------------|-------|------------|--|
| PRODUCT TYPE |                | APPLICABLE TUBING OD & ID. |               |   | COLOR       |       | CONFIGURATION |       | VERSION    |  |
| PS           | PU TUBE SILVER | 0402                       | Ø4MM - Ø2MM   | B | BLUE        | BLANK | REGULAR       | BLANK | VERSION 0  |  |
| PG           | PU TUBE GOLD   | 0604                       | Ø6MM - Ø4MM   | T | TRANSPARENT | C1    | CONFIG 1      | V1    | VERSION 1  |  |
|              |                | 0805                       | Ø8MM - Ø5MM   | K | BLACK       | C2    | CONFIG 2      | V2    | VERSION 2  |  |
|              |                | 0855                       | Ø8MM - Ø5.5MM | R | RED         | C3    | CONFIG 3      | V3    | VERSION 3  |  |
|              |                | 1007                       | Ø10MM - Ø7MM  | Y | YELLOW      | :     | :             | :     | :          |  |
|              |                | 1208                       | Ø12MM - Ø8MM  | S | SILVER      | C9    | CONFIG 9      | V9    | VERSION 9  |  |
|              |                | 1410                       | Ø14MM - Ø10MM | N | NATURAL     | CA    | CONFIG 10     | VA    | VERSION 10 |  |
|              |                | 1611                       | Ø16MM - Ø11MM |   |             | CB    | CONFIG 11     | VB    | VERSION 11 |  |
|              |                |                            |               |   |             |       |               |       |            |  |
|              |                |                            |               |   |             |       |               |       |            |  |
|              |                |                            |               |   |             |       |               |       |            |  |

**PS0402B**  
PU TUBE SILVER Ø4MM - Ø2MM - BLUE

# NYLON TUBING MODEL IDENTIFICATION CHART

|                                           |               |                            |               |       |               |         |            |
|-------------------------------------------|---------------|----------------------------|---------------|-------|---------------|---------|------------|
| N6                                        |               | 0402                       | B             | -     | -             |         |            |
| PRODUCT TYPE                              |               | APPLICABLE TUBING OD & ID. |               | COLOR | CONFIGURATION | VERSION |            |
| N6                                        | NYLON TUBE N6 | 0402                       | Ø4MM - Ø2MM   | B     | BLANK         | BLANK   | VERSION 0  |
|                                           |               | 0604                       | Ø6MM - Ø4MM   | T     | TRANSPARENT   | C1      | VERSION 1  |
|                                           |               | 0806                       | Ø8MM - Ø6MM   | K     | BLACK         | C2      | VERSION 2  |
|                                           |               | 1008                       | Ø10MM - Ø8MM  | R     | RED           | C3      | VERSION 3  |
|                                           |               | 1210                       | Ø12MM - Ø10MM | Y     | YELLOW        | :       | :          |
|                                           |               | 1412                       | Ø14MM - Ø12MM | S     | SILVER        | :       | :          |
|                                           |               |                            |               | N     | NATURAL       | C9      | VERSION 9  |
|                                           |               |                            |               |       |               | CA      | VERSION 10 |
|                                           |               |                            |               |       |               | CB      | VERSION 11 |
| N60402B<br>NYLON TUBE N6 Ø4MM x Ø2MM BLUE |               |                            |               |       |               |         |            |

|              |                |                            |               |       |               |         |
|--------------|----------------|----------------------------|---------------|-------|---------------|---------|
| N1           |                | 0425                       | B             | -     | -             |         |
| PRODUCT TYPE |                | APPLICABLE TUBING OD & ID. |               | COLOR | CONFIGURATION | VERSION |
| N1           | NYLON TUBE N12 | 0425                       | Ø4MM - Ø2.5MM | B     | BLANK         | BLANK   |
|              |                | 0604                       | Ø6MM - Ø4MM   | T     | C1            | V1      |
|              |                | 0806                       | Ø8MM - Ø6MM   | K     | C2            | V2      |
|              |                | 1008                       | Ø10MM - Ø8MM  | R     | C3            | V3      |
|              |                | 1209                       | Ø12MM - Ø9MM  | Y     | :             | :       |
|              |                |                            |               |       | :             | :       |
|              |                | 1210                       | Ø12MM - Ø10MM | S     | C9            | V9      |
|              |                | 1412                       | Ø14MM - Ø12MM | N     | CA            | VA      |
|              |                |                            |               |       | CB            | VB      |
| N10425B      |                |                            |               |       |               |         |