

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve



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 |

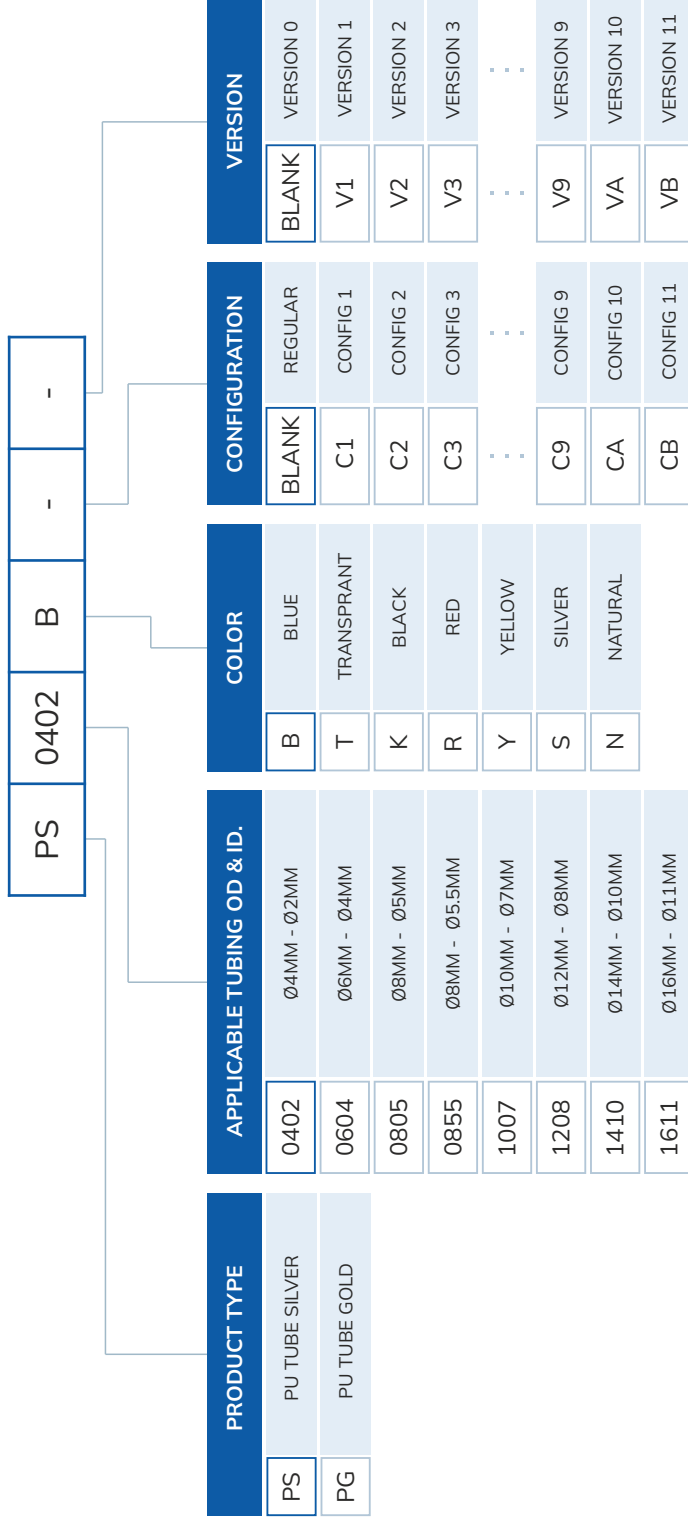
Specification for Nylon Tube N6

| 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 |

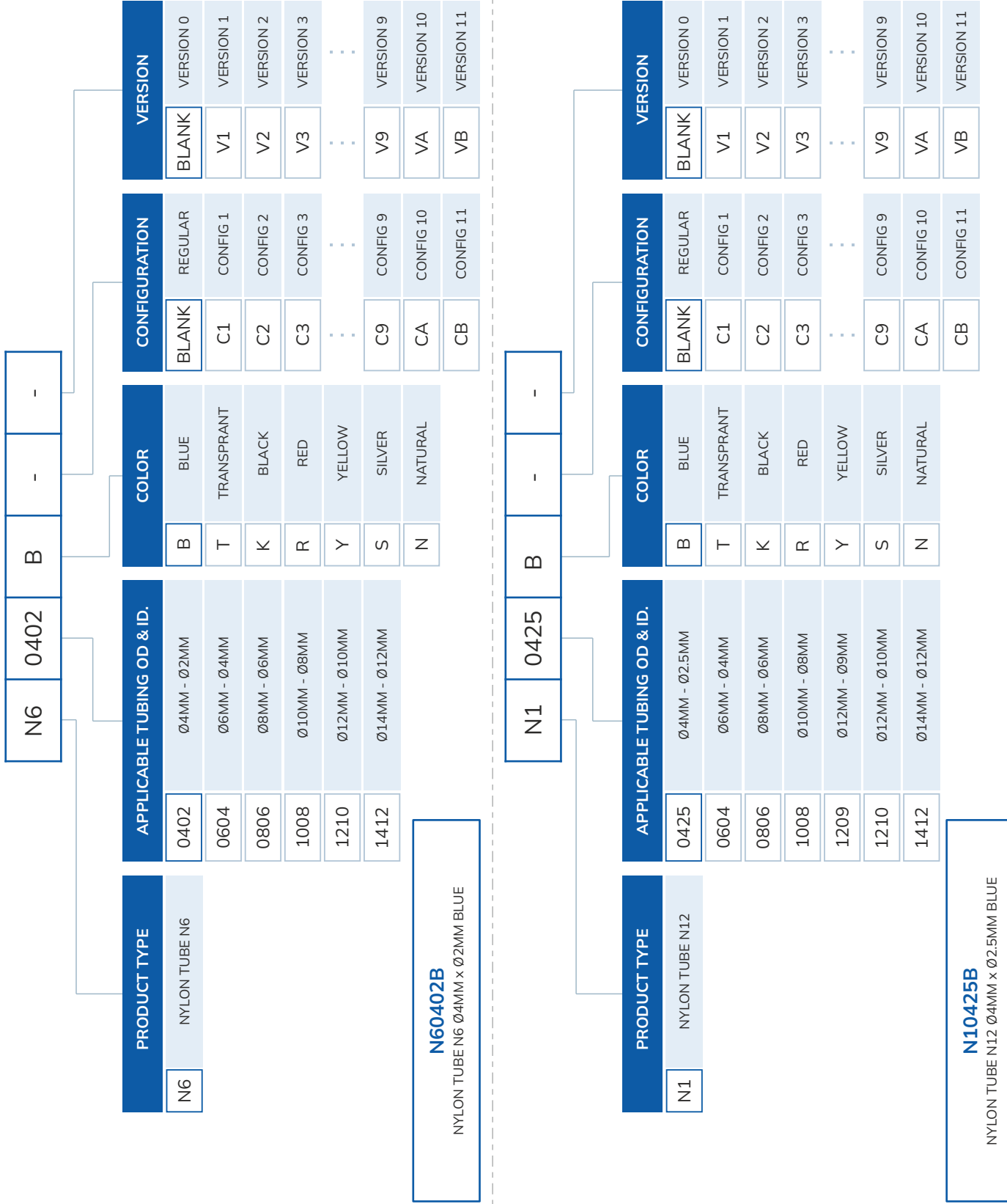
PLASTIC TUBING MODEL IDENTIFICATION CHART



PS0402B
PU TUBE SILVER Ø4MM - Ø2MM - BLUE

Note: The above chart is for identification purposes only, and it may not be possible to make all combinations for the above chart.

NYLON TUBING MODEL IDENTIFICATION CHART



Note: The above chart is for identification purposes only, and it may not be possible to make all combinations for the above chart.

Global Presence...




Made In India



CONTACT US:

 sales@uflowvalve.com  +91 851 109 8822  www.uflowvalve.com

 Uflow Automation, Ankur Industrial Complex, Survey No: 275/276, Plot No: 31, Nr. Intol Cast Pvt. Ltd. Shapar(Veraval) Dist.: Gujarat (India) - 360 024.