










MEDICAL TUBE

| TRADE MARK Product | |  | Solutran® | Solutran® DOP Free |
|------------------------|-------------------------------|--|---|---|
| Description | | | Medical Grade PVC Tube /with DEHP | Medical Grade PVC Tube - DEHP Free /with DEHT |
| Application | Medical Devices Manufacturing | |  |  |
| Medical Use | | | Medical Devices for Infusion, Transfusion, Irrigation & Renal Systems | Medical Devices for Infusion, Transfusion, Irrigation & Renal Systems |
| Plasticising | DEHP (DOP**) | |  | |
| | DEHT (DOTP**) | | |  |
| Color *** | Natural | |  |  |
| | Natural Clear | | | |
| | Light Blue | |  |  |
| Dimensions | Internal Diameter | | 1mm up to 7,5mm | 1mm up to 7,5mm |
| | Outside Diameter | | 2,5mm up to 10mm | 2,5mm up to 10mm |
| | Length | | Cut piece or in coil | Cut piece or in coil |
| Hardness | Value | | 60 Shore A up to 80 Shore A | 60 Shore A up to 80 Shore A |
| | Method | | ISO 868 | ISO 868 |
| Density | Value ^(average) | | 1,2 g/cm ³ | 1,2 g/cm ³ |
| | Method | | ISO R 1183 | ISO R 1183 |
| Tensile Breaking Load | Value ^(average) | | From 135 to 170 Kg/cm ² | From 130 to 175 Kg/cm ² |
| | Method | | ISO R 527 | ISO R 527 |
| Elongation at Break | Value ^(average) | | From 340% to 270% (depending on Shore) | From 350% to 280% (depending on Shore) |
| | Method | | ISO R 527 | ISO R 527 |
| Stiffening Temperature | Value ^(average) | | From -22°C to -8°C (depending on Shore) | From -22°C to -7°C (depending on Shore) |
| | Method | | ISO R 458 | ISO R 458 |
| HANDLING | Storage Conditions | Packaging Type | The product is normally packed in a double PE bags closed and then in a carton box or in big boxes. Different packaging can be requested. | |
| | | Room Temperature | Not Exceding 40 °C | |
| | | Temperature at Use | 48h before use it should be stored within 18 °C to 22 °C | |
| Shelf-life | | 5 years from the date of production | | |

** Acronym In Italian Language

*** Color differences depend of the tone of the resin