

Innovalene MED 55



MEDICAL PUMP TUBING

Lower Shore A 55 durometer tubing is specially formulated for medical peristaltic pump use. Ultra smooth inner surface effectively reduces unwanted fluid residue.

Medical



Innovalene MED 55

Non DEHP tubing has been formulated specifically to meet the demanding challenges of applications such as dialysis, chemotherapy drug delivery, minimally invasive surgeries and peristaltic pump use in analytical and medical devices.

Features

- Transparent
- Ideal for contact with bodily fluids
- Non DEHP
- Peristaltic pump use
- Non-wetting surface permits complete drainage
- Shore A 55 durometer
- Customized size and length

Regulations

- ISO10993
- RoHS

Applications

- IVD
- Blood and IV solutions
- Dialysis equipment
- Inhalation equipment
- Chemotherapy drug delivery
- Peristaltic pumps
- Kidney dialysis pumps



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Innovalene™ MED 55 inventoried sizes

| Model # | Tube # | I.D. | | O.D. | | Wall thickness | | Length / Box* | |
|--------------------|--------|-------|--------|-------|--------|----------------|--------|---------------|--------|
| | | (mm) | (Inch) | (mm) | (Inch) | (mm) | (Inch) | (M) | (Feet) |
| L305-201-0159-0476 | 14# | 1.59 | 1/16 | 4.76 | 3/16 | 1.59 | 1/16 | 15.2 | 50 |
| L305-201-0238-0556 | 19# | 2.38 | 3/32 | 5.56 | 7/32 | 1.59 | 1/16 | 15.2 | 50 |
| L305-201-0318-0635 | 16# | 3.18 | 1/8 | 6.35 | 1/4 | 1.59 | 1/16 | 15.2 | 50 |
| L305-201-0318-0794 | 120# | 3.18 | 1/8 | 7.94 | 5/16 | 2.38 | 3/32 | 15.2 | 50 |
| L305-201-0476-0794 | 25# | 4.76 | 3/16 | 7.94 | 5/16 | 1.59 | 1/16 | 15.2 | 50 |
| L305-201-0476-0953 | 15# | 4.76 | 3/16 | 9.53 | 3/8 | 2.38 | 3/32 | 15.2 | 50 |
| L305-201-0635-0953 | 17# | 6.35 | 1/4 | 9.53 | 3/8 | 1.59 | 1/16 | 15.2 | 50 |
| L305-201-0635-1111 | 24# | 6.35 | 1/4 | 11.11 | 7/16 | 2.38 | 3/32 | 15.2 | 50 |
| L305-201-0794-1111 | 18# | 7.94 | 5/16 | 11.11 | 7/16 | 1.59 | 1/16 | 15.2 | 50 |
| L305-201-0794-1270 | 35# | 7.94 | 5/16 | 12.70 | 1/2 | 2.38 | 3/32 | 15.2 | 50 |
| L305-201-0953-1270 | 96# | 9.53 | 3/8 | 12.70 | 1/2 | 1.59 | 1/16 | 15.2 | 50 |
| L305-201-0953-1429 | 36# | 9.53 | 3/8 | 14.29 | 9/16 | 2.38 | 3/32 | 15.2 | 50 |
| L305-201-0953-1588 | 73# | 9.53 | 3/8 | 15.88 | 5/8 | 3.18 | 1/8 | 15.2 | 50 |
| L305-201-1111-1429 | | 11.11 | 7/16 | 14.29 | 9/16 | 1.59 | 1/16 | 15.2 | 50 |
| L305-201-1270-1905 | 82# | 12.70 | 1/2 | 19.05 | 3/4 | 3.18 | 1/8 | 15.2 | 50 |

*Other sizes and length can be customized

Innovalene™ MED 55 physical properties

| Physical Properties | Test Method | Unit | Typical Value |
|----------------------------|----------------|-------------------|---------------|
| Color | - | | Translucent |
| Shore A, 5 sec. | ASTM D2240 | | 55 |
| Specific gravity | ASTM D792 | g/cm ³ | 1.16 |
| Tensile strength | ASTM D638 | Mpa | 10.00 |
| Elongation at 100% | ASTM D638 | % | 400 |
| Tear strength | ASTMD1004-94 | kN/m | 22 |
| Compression set, 23C 22hrs | ASTM D395-98-B | % | 25 |

Innovalene® MED 55 chemical compatibility chart is available on www.innovapure.com or call Innovapure sales representative.



Important

It is the user's responsibility to ensure the suitability and safety of Suzhou Innovapure Co., Ltd. products for all intended uses. Laboratory and clinical tests must be conducted in accordance with applicable regulatory requirements in order to determine the safety and effectiveness for use of tubing in any particular application.