



CHANGYOUNG Chemical

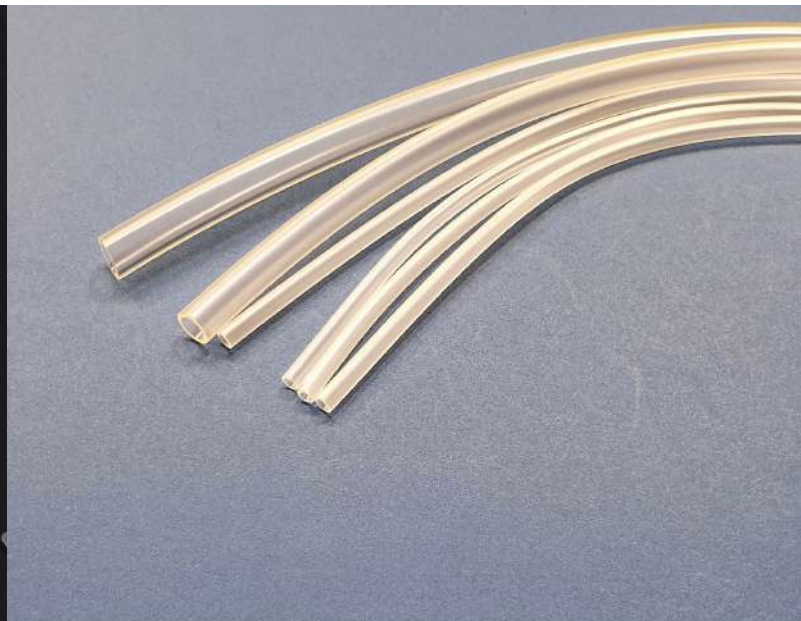
Medicology to build up your brand
40 Years of experience



YOUR MOST TRUSTFUL

MEDICAL GRADE

MATERIAL SOLUTIONS PROVIDER



40 YEARS OF SINGLE PATH

TO PROVIDE THE BEST QUALITY MATERIALS

C.Y. Chemical has been contributed providing excellent quality Medical Grade Compounds & Tubings to many local & global medical device manufacturers.

With 40 years of accumulated technology and know-how, we are recognized of providing high-quality medical grade materials in optimum specification.

WHY CHOOSE US?

- 01 **40 years** of broad exp. and technology
- 02 **Proven Safety** under regulatory compliance
- 03 **PVC-inherent risks** eliminated
- 04 **Perfect Quality** under strict QC/QA



MEDICAL GRADE PVC COMPOUND LINE

- **Planetary Extruder #1**
 - For Medical Grade PVC Compound

With a **Planetary extruder with 9 screws** and a computerized system that electronically controls the manufacturing process by product characteristics, we have succeeded in **controlling PVC's inherent risks** by producing extremely fine compounds. You can expect to be free from **Fisheyes, Specification Errors** and **Color-Defectives**.



DEHP-FREE MEDICAL GRADE PVC COMPOUND LINE

- **Planetary Extruder #2**
 - For Medical Grade PVC Compound
- **Planetary Extruder #3**
 - For TOTM based Compounds
- **Additional Extruder #1**
 - For Ejective Compounds

We produce excellent **DEHP-Free Medical Grade PVC Compounds** with the technologies and experiences of producing conventional PVC Compounds. The **complete separation from the DEHP Line** completely eliminates the inflow of impurities. **The 9-screw planetary extruder** also produces **ultra-finest compounds** that are nowhere else will be found in the world.



MEDICAL GRADE TUBE LINE

- **10 Processing Lanes**
 - For Medical Grade Tubings(PVC/TPE/TPU)

This innovative facility which produces **Medical Grade PVC Tubing** and **TPE & TPU Tubing**, has a fast and accurate extrusion procedure through an automated system directly connected to the compound line. Having the Cleanroom which has its own independent power supply, compressed air and water cooling system with a strict quality control process, our Medical Grade Tube production line has the capacity to meet the strict quality standard.

PVC COMPOUNDS & TUBINGS

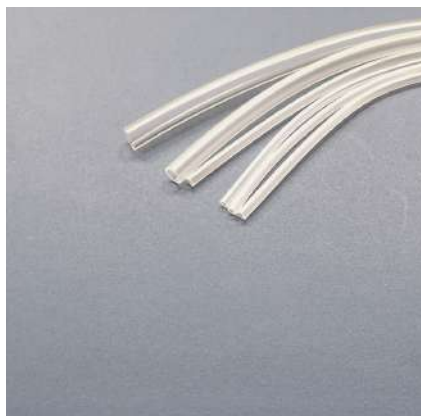


It's not just a good quality, but **perfectionism** that we pursue. we produce **only medical grade materials** in a state of the art production facility designed under ISO 13485, while implementing a thorough QC/QA process as one of the best performers in the industry.



MEDICAL GRADE PVC COMPOUND (DOP & NON-DOP)

- **Extremely fine & soft** characteristic by **9-screw planetary extruder**.
- **Perfect separation** from each production line (**DOP & Non-DOP**)
- **Optimum material suggestions** with 40-years experience.



MEDICAL GRADE PVC TUBING (DOP & NON-DOP)

- Produced in a **cleanroom** blocked from the outer environment.
- Using **ultra quality raw material** produced in-house.
- Fundamentally blocked **PVC-inherent defectives** such as Fisheye.



MEDICAL GRADE TPE & TPU TUBING

- Newly developed to be **sealable with Cyclohexanone**.
- **Free from adsorption** (higher fluidity than PVC material).
- **Economically beneficial** for its price & feature (No need sterile connectors)



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Medalogy to build up your brand

40 Years of experience

- Medical Grade PVC Compound(DOP & Non-DOP)
- Medical Grade PVC Tubing(DOP & Non-DOP)
- Medical Grade TPE Tubing
- Medical Grade TPU Tubing

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