mdc
COMPOUNDS & TUBING

MEDICAL PVC COMPOUNDS

Compounds for extrusion and injection molding of medical devices



WE COMPOUND
WE EXTRUDE

High-clarity medical compounds you can rely on.

MDC is a leading producer of soft PVC compounds for medical applications. Our medical grades are available for both extrusion and injection molding.

To reach and maintain the highest quality, MDC uses advanced, fully automated production lines and strict, fully traceable quality control in accordance with ISO 13485:2016.

ISO 13485
2016 certified quality system

USP VI
Class VI & ISO 10993-1

40–90
Shore A hardness range

DEHP-free
Phthalate-free plasticizers

Sterilization
Gamma, EtO & steam

ME
DEHT (DOTP) cost-effective

MT
TEHTM (TOTM) low migration

Packaging
Jumbo bags & octabins

WHY MDC MEDICAL PVC

Custom development
Formulations developed with you, tested in our lab, on our extrusion lines or on your machines.

Selected raw materials
Sourced from leading suppliers, then carefully selected, tested and approved.

Biocompatible
All medical grades conform chemically and biologically to ISO 10993-1 and USP Class VI.

Sterilization
Devices made from our compounds can be sterilized by gamma irradiation, EtO, or steam.

FORMULATION REGULATORY

Additional regulations are met for each grade according to its end use and customer requirements.

- ✓ DEHP-free
- ✓ Phthalate-free
- ✓ Tin free, BPA free & lead free
- ✓ No SVHC (REACH)

OUR COMMITMENT TO QUALITY

ISO 13485:2016
Certified medical-device quality management

Fully automated control
Consistently high quality, batch after batch

In-house QA laboratory
Mechanical, physical and thermal testing

Certificate of Testing
Supplied with every LOT

APPLICATIONS

MDC medical PVC compounds offer high clarity and are suitable for extrusion or injection molding of a wide range of medical devices, including

- Infusion sets & blood lines
- Dialysis
- Transfusion
- Urology
- Surgery & suction
- Gastroenterology
- Oxygen therapy
- Anesthesia & capnography
- Diagnosis & monitoring
- IV mini sets



OUR VALUE

Partners, not just suppliers.

We build lasting trust through transparent communication and reliable, client-oriented service – delivering custom compounds you can always rely on.

Partnership · Service · Sustainability · Quality · Innovation

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ADDRESS 14 Lisbon St., Sderot, Israel 8714632
TEL. +972-8-6221402
EMAIL info@mdcindustries.com
WEB mdcindustries.com