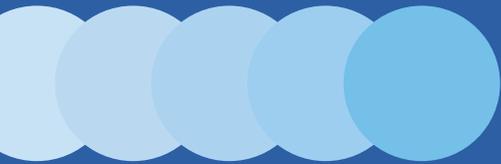




*Medical  
PVC  
Compounds*





*MDC is a leading company in production and marketing of medical PVC compounds. Grades available for extrusion and injection molding.*

*To reach and maintain the highest quality, MDC utilizes advance fully automated machines, strict and fully traceable quality control according to ISO 9001:2008 & ISO 13485:2003 standards.*

## **Development**

In collaboration with our customers and according to their specifications, MDC is capable of developing formulations suited to their needs. New formulations are tested at MDC's lab, in MDC's extrusion lines or on customer machines.

## **Materials**

All raw materials source from the finest suppliers, and carefully selected, tested and approved.

Formulas plasticizers are DEHP and phthalate free. Stabilizers are tin, BPA and lead free. Raw materials do not contain SVHC (Substances of Very High Concern) according to ECHA REACH requirements. Additional specific regulations are meet for each grade according to final use and customer specification.

## **Quality**

MDC is ISO 9001:2008 & ISO 13485:2003 certified to ensure highest quality and highest process & product stability.

The compounds are manufactured using fully automated control system, which provides constant high quality products. QA lab is equipped with mechanical, physical and thermal testing equipment. Certificate of Testing is provided with every LOT.



## **Biocompatibility**

All medical PVC grades chemical and biological conform ISO 10993-1 and USP Class VI biocompatibility standards.

## **Packaging**

Material available in Jambo bags and Octobins.

## **Sterilization**

Articles manufactured with MDC medical PVC compounds can be sterilized either by ETO or Gamma sterilization.



## Negev ME Grades

Negev ME are cost effective DEHT (DOTP) plasticized compounds.

Grade	Shore A 15"	Density [gr/cc]	Processing
Negev ME50	50	1.16	Extrusion
Negev ME55	55	1.17	Extrusion
Negev ME60	60	1.18	Extrusion
Negev ME60i	60	1.18	Injection
Negev ME65	65	1.19	Extrusion
Negev ME70	70	1.21	Extrusion
Negev ME75	75	1.22	Extrusion
Negev ME75i	75	1.22	Injection
Negev ME80	80	1.24	Extrusion
Negev ME85	85	1.26	Extrusion
Negev ME90	90	1.28	Extrusion
Negev ME93i	93	1.29	Injection

## Negev Negev MT Grades

Negev MT are high quality TEHTM (TOTM) plasticized compounds. TEHTM based compound exhibit lower plasticizer migration.

Grade	Shore A 15"	Density [gr/cc]	Processing
Negev MT50	50	1.15	Extrusion
Negev MT55	55	1.16	Extrusion
Negev MT60	60	1.17	Extrusion
Negev MT60i	60	1.17	Injection
Negev MT65	65	1.19	Extrusion
Negev MT70	70	1.20	Extrusion
Negev MT75	75	1.22	Extrusion
Negev MT75i	75	1.22	Injection
Negev MT80	80	1.23	Extrusion
Negev MT85	85	1.26	Extrusion
Negev MT90	90	1.28	Extrusion
Negev MT93i	93	1.29	Injection





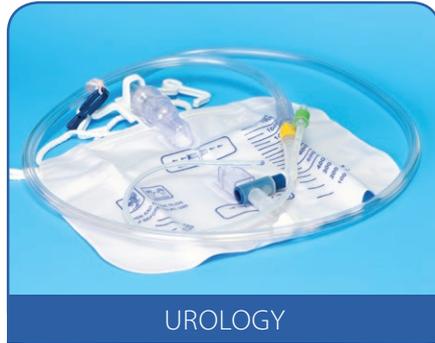
## Applications

MDC medical PVC compounds are suitable for either extrusion or injection molding with high clarity, and suitable wide range of medical devices for applications such as:

- *Infusion set and blood lines*
- *Surgery*
- *Urology*
- *Dialysis*
- *Gastro*
- *Oxygen therapy*
- *Diagnosis and monitoring*
- *Anesthesia*



DIALYSIS



UROLOGY



GASTRO



INFUSION/TRANSFUSION



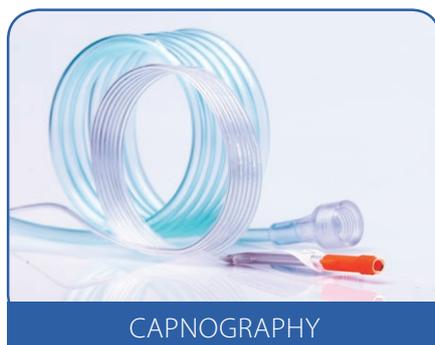
SUCTION



OXYGEN THERAPY



ANESTHESIA



CAPNOGRAPHY



IV MINI SETS

אביעזר קריספין | AK

Partnership    Service    Sustainability    Quality  
**Leading Innovation**

