



Typical Applications

- Catheter tips
- Catheter tubes
- Connectors
- Sealings



Our Know-how – Your Advantage

- Specially selected compounds for bladder and urinary catheter applications
- Transparent materials
- Non-sticky surface
- Coatable with PVP
- Processing in injection molding and extrusion possible
- Sterilizable according to current pharmaceutical and medical standards
- Free from silicone, latex, PVC and phtalates
- Compounds fully comply with all sub-items of VDI Guideline 2017 for Medical Grade Plastics
- Compounds globally available

Technical Data

| | | HTM8510/465 | HTM8510/464 | TM7MED | TM5ADT |
|-------------------|-------------------|-------------|-------------|-------------|---------------|
| Color | | Transparent | Transparent | Transluzent | Natur |
| Hardness | ShA | 80 | 77 | 68 | 50 |
| Density | g/cm ³ | 1.100 | 1.090 | 0.890 | 0.950 |
| Tensile strength | MPa | 39.0 | 37.4 | 13.0 | 5.5 |
| Elong. at break | % | 700 | 700 | 800 | 600 |
| Tear resistance | N/mm | 40.0 | 45.0 | 23.5 | 9.5 |
| Application | | Catheter | Connectors | Connectors | Catheter tips |
| Coatable with PVP | | ✓ | ✓ | | ✓ |

Dominik Hilz Application Specialist

“Catheters are medical devices that require special sliding properties during insertion and removal. With our new compounds, we provide transparent and PVP-coatable materials for maximum comfort and safety.”

TALK TO OUR EXPERTS!

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