



Droppers for

- Drugs
- Liquid substances
- Food supplements
- Cosmetics



Our Know-how – Your Advantage

These materials are suitable for thermoplastic injection molded pipette caps and can replace the previously used rubber materials. In addition, the THERMOLAST® M products meet our strict medical requirements.

- Thermoplastic processing
- Inprocess recycling possible
- Low inherent tack
- Optimized grades (e.g. TM6LFT) with chemical resistance available, suitable for CBD oil
- Very well suitable for coloring
- Medical or food contact grades available
- Direct food contact is possible
- Customized modification is possible
- High material purity and less interactions with ingredients due to the absence of chemical crosslinkers

Technical Data

		THERMOLAST® M TM6MEP	THERMOLAST® M TM6LFT	THERMOLAST® K TF6CMB	THERMOLAST® M HTM8510/ 326
Hardness	Sh A	62	60	60	63
Density	g/cm ³	0.89	0.89	0.90	0.89
Tensile strength	MPa	11.0	12.0	15.0	16.0
Elongation at break	%	700	850	950	780
Tear resistance	N/mm	16.0	18.0	23.0	26.0
Flow Spiral	cm	65	65	21	20
Conformity		Medical + Food contact	Medical	Food contact	Medical + Food contact
Product Focus		First choice	Demolding and low surface friction	Controlled migration	Best mechanics

TALK TO OUR EXPERTS!

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Application specialist Oliver Kluge:

“Our new materials show neutrality to polar APIs (Active Pharmaceutical Ingredients). They are thermoplastic and reusable in in-process recycling. Especially the use of these highly developed grades creates increased processing advantages. By using thermoplastic materials, no additional elastomer parts need to be purchased.”