

# dryflex®

## Thermoplastic Elastomers

## Tool Handles

- Soft-Touch
- Non slip grip, even when wet
- Good chemical resistance, giving long life in demanding applications
- Customisable tactile feel
- Abrasion resistance
- Excellent adhesion to Engineering Thermoplastics in overmould, insert or 2K bonding
- Range of hardnesses from rigid to gel-soft
- Available in range of colours
- Good scratch resistance
- Vibration absorption properties



## Comfort, Safety & Durability

Dryflex® thermoplastic elastomers (TPEs) are a safe and tactile material for the production of tool handles. The surface finish can be formulated to give a smooth or textured feel. They are non-slip, even when wet and give excellent resistance to wear and tear.

The material structure of Dryflex® TPE produces the high surface 'tackiness' and high friction often required in these applications. When it comes to choosing between filled and unfilled grades\* the questions are: Shall the handle be scratch-resistant with an attractive finish? Are bright colours required? When good scratch resistance is essential, an unfilled material should be considered because the presence of a filler causes scratches. However, the filler provides a more stable melt, improving injection moulding and extrusion.

\*Unfilled material is scratch-resistant and has a lower density than filled material. Filled material is more heat-resistant and also gives a drier feeling than unfilled grades.

VTC Elastoteknik AB and Vita Thermoplastic Polymers (VTP) are members of the VTC TPE Group

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