

Autoclave Test Report

PRODUCT

Telescopic Handle

Composition

Top grip area:	Thermo Plastic Elastomer
Glossy mid grey areas:	Polypropylene
Mid grip:	Polypropylene
Welded aluminium tube	



TEST CONDITIONS

Autoclave

Varioklav 135 S, steam sterilizer, single pre-vacuum, usable volume 135 litres

Test Parameters

121°C for 20 minutes

Pre-vacuum: 20 kPa

Cooling-down of product between autoclaving cycles

RESULT

After 80 autoclaving cycles the Telescopic Handle does not show major damages and is still usable. Just the lower grip of the long telescopic handle could get out of position and the inner screw becomes a bit loosen.



Photo 1: Telescopic Handle frame after 80 cycles



Photo 2: Inner screw becomes a bit loosen

ADDITIONAL COMMENTS

- This test was done in the laboratory of Freudenberg HP KG, Corporate Technical Centre.
- The product was not used for cleaning between autoclaving cycles.
- Different conditions at the customer can lead to a different result.

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