



Product Data Sheet 3780

Rev 2
Effective date: 4 Feb 2011
Page 1 of 1
Authorisation: CO 2054

Product Description

The Browne TST Helix is a hollow load process challenge device (PCD). The TST Helix is designed for testing the air removal (steam penetration) capability of small Type B steam sterilizers only. The chemical indicator located in the capsule will show a defined colour change from yellow to dark blue / purple when exposed to a specific combination of Time, Steam and Temperature. When all the air has been removed from the sterilizer chamber, steam will penetrate through the helix and the indicator will show a uniform colour change. If air or non-condensable gases are present the indicator will show distinct yellow markings. The TST Helix has a limited life, so after 250 cycles the device must be replaced.

**Specification**

Colour changes from yellow to completely blue / purple if rapid and even steam penetration has occurred at 134-137°C for a holding period of up to 4 minutes.

Applicable standards

ISO 11140-1 Class 2 & EN 867-5:2001 Class B

Product Size

N/A

Packaging

Primary case contents:	250 indicators 1 Helix Device	Size:	130mm x 110mm x 30mm	Weight:	135g Gross
------------------------	----------------------------------	-------	-------------------------	---------	------------

Secondary case contents:	20 primary cases	Size:	350mm x 280mm x 165mm	Weight:	3kg Gross
--------------------------	------------------	-------	--------------------------	---------	-----------

Recommended Storage

Store the device in cool, dry conditions before and after use and with the capsule removed to aid drying: 0 - 30°C 30 - 60 % RH

Shelf Life

36 months from date of manufacture

Active Components

Each indicator, which is the indicating medium, contains 0.7mg dyes and 0.7mg reagents. None of the substances used in the formulation are known carcinogens, nor do they contain any heavy metals.

The component chemicals are potentially irritant. Being fully encapsulated, this should present no occasion for contact with the chemical components. If however, contact is made due to breakdown of the encapsulation, wash the skin with soap and water.

If ingested wash out the mouth thoroughly and give plenty of water to drink.

Safe Usage

The indicator and packaging contain no added heavy metals, no known carcinogens, and no added rubber latex. The indicator is considered safe when used under normal conditions.

When used as intended, the indicator does not release any substances known to be toxic in sufficient quantities to cause a health hazard, during or after the sterilization process for which it is designated, in accordance with ISO 11140-1:2005, 5.9

Disposal

Treat unwanted indicators and packaging in the same way as normal paper waste.

Albert Browne Ltd, Chancery House,
190 Waterside Road, Hamilton Industrial Park,
Leicester, LE5 1 QZ, UK
A Subsidiary of STERIS Corporation
Tel: +44(0)116 2768636



ISO 9001
FM26021
ISO 13485
MD504862