



Seal Check med / Seal Check HDPE

Test system for the routine testing of your sealing device and for Operational Qualification (OQ) within the framework of process validation in accordance with EN ISO 11607-2

HAWO

Seal Check med/Seal Check dent

Test system for the routine testing of your sealing device and for Operational Qualification (OQ) within the framework of process validation in accordance with EN ISO 11607-2:2006

An optimum sealing seam can only be guaranteed if the sealing parameters are set correctly and are adapted to the material to be sealed. In addition, if deviations occur in the parameters (sealing temperature, sealing time and contact pressure), this is made visible on the indicator strip.

Operational Qualification (OQ)

In accordance with EN ISO 11607-2:2006, sealing seams must show the following quality properties within Operational Qualification (OQ):

1. Intact sealing for a specified seal width
2. No channels or open seals
3. No punctures or tears
4. No material delamination or separation

With the hawotest Seal Check, an indicator strip shows whether these quality properties are fulfilled. A subjective interpretation of the sealing seam is excluded, regardless of the type of sealing device. The German standard DIN 58953-7 furthermore additionally demands the continuous monitoring of these quality characteristics. The daily Seal Check is therefore indispensable.

Routine testing and documentation

The standard furthermore requires the routine testing of the sealing device as well as documentation of the parameters. If the sealing device possesses an integrated Seal Check function (hawomed hm 3010/3020 DC-V, hm 2010/2020 DC-V, hm 850 DC-V and hm 780 DC-V), the sealing parameters, the test date, the name of the tester and the machine number¹ can simultaneously be printed on the reverse of the strip by an electronic printer. The printout can also be used for routine documentation of the process parameters in accordance with EN ISO 11607-2:2006.

hawo offers 2 different kinds of Seal Check:

Seal Check med : sealing indicator for rotary sealers, suitable for visual inspection of sealing seams on all medical grade paper/film pouches. (Recommended sealing temperatures 150-200°C)

Seal Check HDPE : sealing indicator for rotary sealers, suitable for visual inspection of sealing seams on uncoated Tyvek®/HDPE pouches. (Recommended sealing temperatures 90-150°C)

¹ only hm 3010/3020 DC-V/DC-VI, hm 850 DC-V and hm 2010/2020 DC from software version 27

² Seal Check dent is wider than Seal Check med, in order to cover the complete width of the bar during testing.



Siegelnahtprüfung mit dem hawotest Seal Check



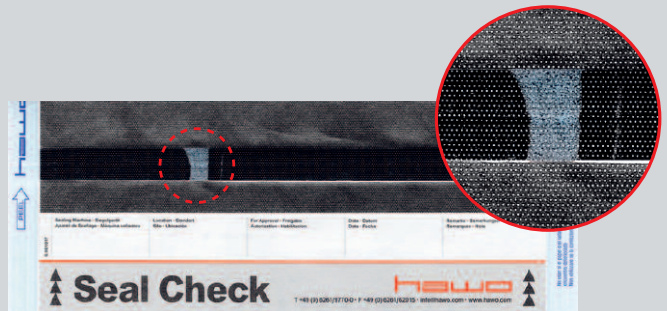
Sealing seam testing with hawotest Seal Check

1. Intact seal for a specified seal width in accordance with EN ISO 11607-2:2006

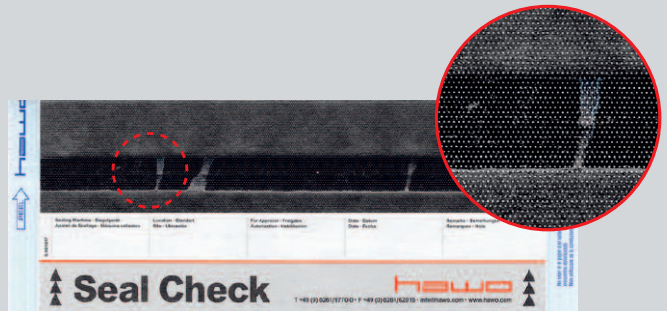


Following faults (Image 2 to 5) may appear during a seal. In this case, the quality properties (§ 5.3.2 b) for a sealing seam, which have to be given in accordance with EN ISO 11607-2:2006, cannot be fulfilled anymore.

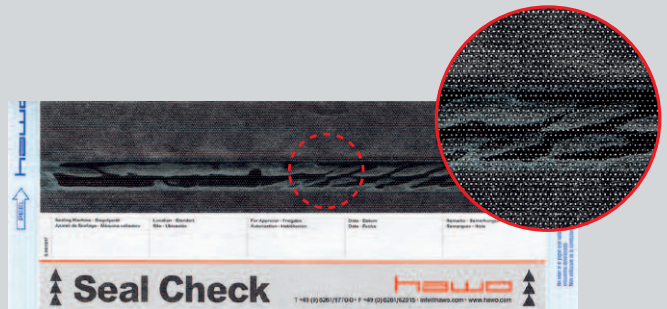
2. Channels or open seals



3. Punctures or tears



4. Material delamination or separation, temperature or contact pressure too low.



5. Temperature or contact pressure too high

