



Seal Check				
Sealing Machine:	Location:	For Approval:	Date:	Remarks:
INTERSTER SEAL CHECK®			Art.No.: 33002560 LOT 060621 Manufactured in the Netherlands, www.interster.nl	

Interster Seal Check®

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Sterilization pouches are made of a medical grade paper and a laminate. This laminate consists of two or more film layers with different melting grades. Upon sealing the sterilization pouch, the film layer that is closest to the paper will melt first and will give an adhesion within the paper, which results in a clear and even seal. Should the other (outer) film layer also melt, the risk of pinholes exists and the pouch will no longer present a bacterial barrier.

A good sealing machine is adjusted in such a way that only the interior film layer will melt. Also, the pressure with which the melted film is applied to the paper during the sealing process is essential. If a pouch is not sealed correctly, there will be no bacterial barrier and no sterility.

It is important that the correct adjustments of the machine are evaluated. By manually operating the temperature switch, the risk exists that the temperature position is altered during cleaning or operating. In addition, dust may accumulate on the thermo elements and transportation belt, which may influence sealing capacity. A daily control is therefore essential. A good indicator system is required in order to avoid the need for extensive daily verification. Comparison and practice show that properties of different sterilization pouches vary. Also, different brands of sealing machines will have varying sealing and pressure qualities. It is therefore not possible to apply the standard principles of chemical indicators. By following a complete new approach to this concept, a solution was found in the so-called Seal Check®.

The Seal Check® is a standardized method in accordance with ISO 11607-2 and can be used for every sterilization pouch in combination with any sealing machine with a rotating printing wheel. The Seal Check® displays a good seal and also shows an indication of possible sealing problems (see examples).

The correct way to position the Seal Check® in the laminate pouch.



1. incorrect wheel pressure
2. wrong temperature
3. correct seal

The secret of the Interster Seal Check®

The Seal Check® is manufactured in a width of 180 mm showing the total turn of the sealing wheel. The Seal Check® contains no chemical ingredients. It has three essential properties: the quality of the paper, the (patented) printing pattern and the contrast. With a correct blending of the interior laminate film and the correct pressure on the paper the seal of the Seal Check® will be clear.

An incorrect temperature or pressure will be visible on the Seal Check®. Quality control during the production process is essential and gives the reliability that is required.

Art. No.: 33002560
Quantity: 250 pieces/box

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