

TECHNICAL CUSTOMER INFORMATION

February 2019

Ionization Unit for ROVEMA Form, Fill and Seal Machines and SBS Machines

Dear customer,

The film in form, fill and seal machines is subject to friction and sliding effects, which can lead to a high electrostatic charge. Besides composite films with metallized components or aluminium, this mainly affects films with a high portion of plastic, e.g. OPP, PP and PET. Especially with dusty and powdery products, this may cause a high degree of film contamination, which can impair the sealing procedure. Moreover, the product itself (e.g. rice) can generate static charge during the filling process and thus produce this negative effect even if a less critical film is used (e.g. PE).

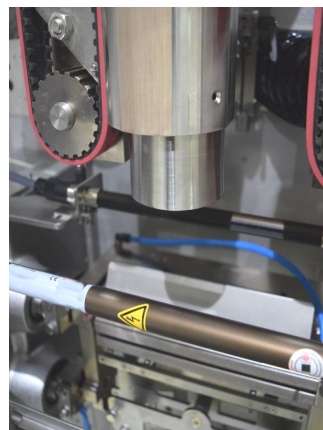
With the retrofit of an ionizing unit, ROVEMA offers you the possibility to counteract the static charge. Electrode rods in different positions (forming shoulder, cross sealing jaws, SBS station) create an electric field, which considerably reduces the static charge in your form, fill and seal or SBS machine.

The ionization unit offers you:

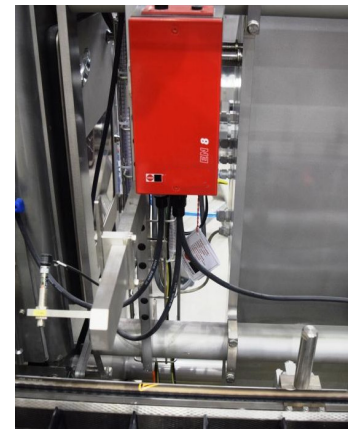
- reduction of static charge of the film
- less contamination of film through product
- less contamination of sealing tools
- improvement of sealing quality
- reduction of downtimes

The retrofit kit contains:

- 1 power supply unit for 2 or 4 electrode rods
- 1 set of electrode rods incl. holder



*ionization at
cross sealing jaws*



*electrode rod and power
supply unit in SBS machine*

A retrofit is possible on all ROVEMA form, fill and seal machines and SBS machines. Of course the ionization unit can also be retrofitted only at the shoulder or the cross sealing jaws. For this purpose as well as for installation and commissioning (duration approx. 1 day plus travel time) we will gladly issue an offer.



ionization at forming shoulder

For more information about ionization or in case of questions regarding your ROVEMA packaging machine your contact persons at ROVEMA Service are always at your disposal.

Your ROVEMA Service Team