

# TECHNICAL BULLETIN

## INTERNAL INFORMATION



D&E, Carton Value  
Line Technical Support

System A3/C3  
No CAPTB\_2009\_16\_01  
Date 2009-12-23

## GENERAL INFORMATION

### New Hot Melt for Stream Cap application.

**Machine affected:** CAP30/Flex CAP30/Speed  
TCAP/45 TCAP/49 TCAP88.

**Packages affected:** All with StreamCap 1000 opening.

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### Affected components

Hot melt glue used for StreamCap application.

### Background

Hot melt glues Jowat 250.00 (90153-0059) and 250.80 (90600-9726) have been the only recommended grade/supplier to be used for StreamCap application. A need to have a possible alternative supplier has been pointed out.

### Activities

Validation tests have been carried out to identify an alternative product on several CAP applicators. We have identified in the "Leuenberger PS 880" to represent a valid alternative to the Jowat products in all operative conditions.

The "Leuenberger PS 880" has consequently been introduced in our consumables portfolio with s/n **90602-3996**.

### Cap applicators validation

Up to now the new hot melt 90602-3996 has been fully tested and validated on the following cap applicators: CAP30/Flex, CAP30/Speed and TCAP45/49/88.

For those cap applicators and caps not mentioned above the settings optimization (validation) will be performed later. A TB issue 02 will be released once the test is done.

## **Comparison of Cap applicators performances before/after the 90602-3996 adoption:**

- ✓ Run ability equal or better.
- ✓ Only few adjustments required.
- ✓ No effect on Cleaning Interval.
- ✓ Line Layout between Cap Applicator and the next downstream equipment should match with minimum set time of 15 sec.
- ✓ If room temperature and/or filled product are above 35 °C, the set time may increase and has to be locally verified.

## **90602-3996 technical specifications:**

- ✓ Working range from 4 to 50°C.
- ✓ 90439-0155 Nozzle (ø 0,31mm) must be used
- ✓ Glue amount 0,14 g per cap

## **90602-3996 usage:**

When the new hot melt will be used, the following actions must be taken:

- ✓ Replace the Tank filter
- ✓ Replace the glue gun filter
- ✓ Set the machine according to the above technical specifications.
- ✓ Purge at least ½ kg of glue trough the system.
- ✓ Take care that the machine is properly maintained, cap application can be severely affected by wrong or not adequate maintenance
- ✓ Follow MM/OM instruction to set the machine and validate pattern and application.

## **Benefits**

The new glue (PS880) has shown very good performance in terms of cap adhesion and product leakages.

## **Deployment**

To have a controlled deployment, before placing the order of the new glue, we ask you to inform e-Li@ison regarding the Cap Applicator and package type used.

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For further technical information please submit an issue via:

<http://e-liaison.tetrapak.com/MC/default.asp>