



BOTTLE LABELING TROUBLESHOOTING - PART I



A SIMPLE GUIDE TO DIAGNOSING AND SOLVING ADHESIVE-RELATED BOTTLE LABELING ISSUES IN YOUR PLANT

If you run into any issues during your bottle labeling process, this guide can help you solve them. We also recommend working with your adhesive supplier for additional support.

LABELS CURLING AWAY FROM BOTTLE

POSSIBLE CAUSES

1. Too much adhesive
2. Poor wiper action or roller compression
3. Stiff, springy, vertically-grained labels
4. Insufficient adhesive tack
5. Labeling wet bottles

POSSIBLE REMEDIES

1. Adjust meter blade to decrease adhesive amount
2. Clean or adjust wipers and rollers
3. Flex labels to bend in direction of label
4. Use tackier adhesive
5. Use tackier adhesive

WRINKLING OR BLISTERING OF LABELS

POSSIBLE CAUSES

1. Too much adhesive
2. Labels vertically grained
3. Uneven absorbency of paper labels
4. Incomplete glue coverage
5. Poor wiper or compression action
6. Labeling wet bottles
7. Adhesive on grip-finger

POSSIBLE REMEDIES

1. Adjust meter blade to decrease adhesive amount
2. Specify horizontal grain
3. Use slower drying adhesive
4. Adjust meter blade to increase amount of adhesive
5. Clean or adjust wipers and rollers
6. Use tackier adhesive
7. Clean grip-finger

FAILURE TO PICK LABELS OUT OF HOPPER

POSSIBLE CAUSES

1. Inadequate or excess adhesive on pickers, pads, labels or bottles
2. Insufficient adhesive tack
3. Hopper prongs gripping labels too tight
4. Labels low in hopper
5. Adhesive drying too fast
6. Glue buildup on hopper prongs

POSSIBLE REMEDIES

1. Adjust meter blade to increase adhesive amount
2. Adjust adhesive/viscosity
3. Loosen hopper prongs
4. Resupply
5. Use slower drying adhesive
6. Clean prongs

ADHESIVE SMEARING ON BOTTLES OR LABELS

POSSIBLE CAUSES

1. Too much adhesive
2. Excess compression
3. Labels slipping
4. Labels freshly printed
5. Glue buildup on hopper prongs

POSSIBLE REMEDIES

1. Adjust meter blade to decrease adhesive amount
2. Loosen wipers
3. Adjust machine to decrease adhesive
4. Age printed labels
5. Clean prongs