Product Management

TECHNICAL BULLETIN

TrojanLabel T3-OPX

Material Qualification Test

September 2022



Material Qualification Marker Test:

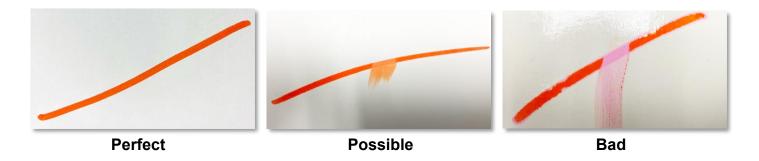
To see if your material will work well with the T3-OPX, use a marker with water-based ink that is not designed for plastic or metal.

Crayola markers or dry erase markers are preferred.





With the marker, draw a line on the printing surface, then immediately wipe it with your finger. If it dries instantly the material should work well in the T3-OPX. If it smears lightly but is dry after 2-3 seconds, it may print well but further testing should be done. If the ink smears and doesn't dry in 2-3 seconds, it is not an acceptable material.



The dry erase marker test is a good indication that material may be receptive to the T3-OPX inks. T3-OPX inks are pigment based therefore it is possible that they may not absorb/dry correctly on a given surface even if it passes the marker test.

Receptive Materials:

- Matte corrugated boxes (white and kraft)
- Paper envelops
- Coasters
- Paper bags
- Flat wooden products
- Egg cartons
- Porous materials (non-synthetic)

Non-receptive Materials:

- Poly bags
- Styrofoam containers
- Most synthetic materials
- Non flat surfaces
- Glossy paper products (boxes/bags)