

# Y451 - The Authentic T-Shirt Company® Youth Double-Mesh Wicking Crewneck Tee

## GARMENT MEASUREMENTS

Finished Measurements in Inches

Size	S	M	L	XL
Chest	15.5	17	18.5	19
CB Length	19.5	22	24.5	25.5

\* **Chest** is measured 1" down from the armhole (1/2 measurement). **CB length** is measured from the center of the back neck seam to the hem.

## YOUTH SIZING CHART

	S	M	L	XL
Numeric Size	6-8	10-12	14-16	18-20



## Wicking Fabric Screen Printing Recommendation

Polyester will naturally attract more heat than a natural fiber, such as cotton. When high heat is applied to polyester, like other types of polymers (such as plastics), it will reach a melting point. It is especially important to test these garments before printing the entire run.

If you are printing in a warmer climate, we recommend you take into account the outside temperature. This will increase the temperature during printing as well as when the garment passes through the dryer.

### Special Printing Steps:

**Test Sample:** It's recommended to run a test garment (in a dark colour) before printing the entire run of garments. This will allow you to gauge the temperature of the imprint as it passes through the dryer.

Note: Black will always attract & retain the highest amount of heat during drying.

**Ink Type:** Wicking Mesh is stretchy due to the construction, so it is recommended to use a plastisol addi-tive or an ink specifically used for full synthetic fabrics. The printed surface will be less likely to crack and the imprint will stretch with the fabric.

**Ink Application:** We recommend a 2-stroke application of ink per colour process. Flash in between colours for no more than 10 – 15 seconds. Keep in mind, the heavier the ink coverage applied, the greater chance of pucker-ing around the printed area. Excessive ink coverage will attract more heat during the drying process.

**Printing Surface:** If your print surface is metal/aluminum, and you have been printing all day, the surface will get hot. Factors, like outside temperature and ventilation through the print facility, may also make the print sur-face hotter. If this is a factor you contend with, we recommend running a fan on the opposite side of the flash board.

**Dryer Temperature:** We recommend the dryer temperature to be set between 290 – 300 degrees Fahrenheit depending on the outside temperature in your area. Remember, the polyester will attract more heat as it passes through the dryer.

**Print Cure Temperature:** If the dryer temperature is set between 290 – 300 degrees Fahrenheit, the im-printed surface will cure between 305 – 320 degrees. Keep in mind, the darker the garment colour & imprint, the more heat the garment will attract. Adjust your dryer accordingly.

**Drying Time:** We recommend the fabric be exposed to the dryer for no more than 75 seconds; so the speed of the belt may need to be adjusted to a faster speed. If you have one dryer to do both fabrics, set aside the polyester garments until you have some free space to run once the dryer has cooled to the correct temperature.