

# THERM-O-TYPE Foil Fabrics Instructions

April 24, 2008

\*These times and temperatures are approximate and based on THERM-O-TYPE's testing. Temperature and press times will vary. Please consider these instructions a starting reference point.

## General Info

\*All foils must be heat pressed with a Teflon sheet or release paper over the foil.

**\*As a general rule:** If you peel the foil away and there are still small pieces of foil left on the carrier, you haven't used enough heat or time. Raise your temperature or try pressing for a longer period of time. If you peel the foil away and the finish is dull or discolored, you have over heated the product. Drop the temperature or shorten your press time.

\* When peeling the foil, peel with one continuous motion. If you stop the peeling motion to look at the foil, you will create defects in the finish.

## Over Stahl's THERMO-film:

### **Metallic Colors:**

Darker Colors: 410°F for 30-35 seconds with a cold peel.

Lighter Colors: 390°F for 10-15 seconds with a cold peel.

**Silver Holographic Foils (Excluding the Glitter Foils):** SP-140, SP-142, SP-144, SP-146, SP-148, SP-158, SP-164, SP-170

390-410°F for 15-25 seconds with a hot peel.

\*If the holographic effect starts to get lost, or if the foil looks dull, this is an indication that you are overheating the foil. Drop the temperature of your heat press or shorten the time you are pressing.

**Glitter Foils:** FF-HP SIL 25, FF-HP GLD 15, FF-HP RED 35, FF-HP PRP 45

390°F for 20-25 seconds with a hot peel.

## Over Screen Printing (Using a foil adhesive like X Glue):

### **Metallic Colors:**

At 300°F, preheat the garment and foil adhesive for up to 20 seconds with a very high pressure. This helps activate the glue and smooth out the finish for the foil. Then apply the foil and press for 7 seconds, peel cold.

**Holographic Foils:** FF-HP SIL 25, FF-HP GLD 15, FF-HP RED 35, FF-HP PRP 45, FF-HP SIL 80, FF-HP GLD 52B  
Between 285°F and 300°F, preheat the garment and foil adhesive for up to 14 seconds with a very high pressure. This helps activate the glue and smooth out the finish for the foil. Then apply the foil and press for 7 seconds, peel cold.

**Silver Holographic Foils (Excluding the Glitter Foils):** SP-140, SP-142, SP-144, SP-146, SP-148, SP-158, SP-164, SP-170

At 300°F, preheat the garment and foil adhesive for up to 14 seconds with a very high pressure. This helps activate the glue and smooth out the finish for the foil. Then apply the foil and press for 14 seconds, peel cold.

## Over The Magic Touch's Wow Toner based Heat Transfers (LASER PRINTER ONLY):

**Transparent Holographic Foils:** TP-140, TP-146, TP-150, TP-154, TP-158, TP-162, TP-168, TP-170

260°F for up to 12 seconds with a cold peel.