

For over 150 years Tullis Russell has maintained a market leading position and continues to work with the world's most prestigious brands producing luxury ceramic and glass products. Autocal and Autofix are a market leading range of specialty heat release transfer papers that are specifically designed for the printing of superior ceramic and glass transfer decals ensuring consistent high-quality automatic mechanically applied decoration.

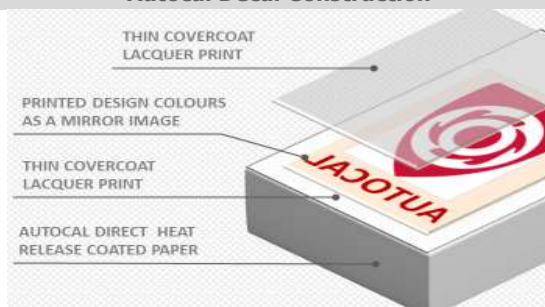
Autocal Autocal Plus

Superior direct heat release paper
 Optimized for printing on a web fed screen printing press
 Supplied to allow gentle force drying of the printed inks
 Wax coated for ease of application and clean firing
 Available in different sizes

Autofix E Autofix DD

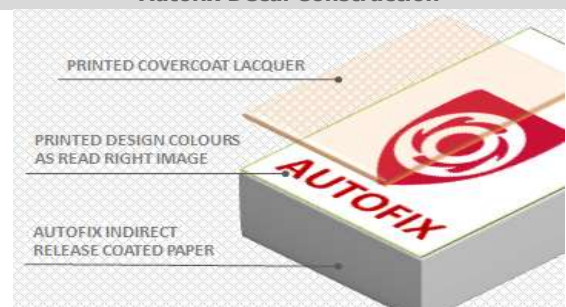
Superior indirect heat release paper
 Optimized for printing in a sheet fed screen printing press
 Excellent stiffness and stability
 Wax blend coated for ease of application and clean firing
 Available in different sizes

Autocal Decal Construction



Autocal rolls are web screen-printed where the inks are gently force dried at 40 to 50°C in a festoon dryer using air movement. Inks, precious metals & covercoat lacquers are from specialized suppliers

Autofix Decal Construction



Autofix sheets are screen-printed in controlled RH conditions where the inks are wicket dried using RT air movement only. Inks, precious metals & covercoat lacquers are from specialized suppliers

Application

Machine applied. Paper is heated and pressed to the substrate
 Used for flat and cylindrical ceramic and glass and candles
 Paper heated from behind to 100-120°C (210-250°F)

Application

Paper and pad /roller are heated. Decal mechanically moved from paper to a flat, mug, bottle or bowl-shaped ceramic or glass item
 Pad/Roller~100-120°C (212-250°F) & Paper~80-100°C (176-212°F)



Firing

CERAMICS typically 760 to 830°C (1400 to 1526°F)
 GLASS typically 500 to 570°C (932 to 1058°F)

Firing

CERAMICS typically 760 to 830°C (1400 to 1526°F)
 GLASS typically 500 to 570°C (932 to 1058°F)

Specifications	Variants please request information	Weight gsm	Caliper µm	Wax gsm	MPT °C	Moisture ERH ± 5%
Autocal	Direct heat release rolls	155 ± 8	165 ± 12	3	60 ± 5	30
Autocal Plus	Direct heat release rolls	155 ± 8	165 ± 12	5	60 ± 5	30
Autofix DD	Indirect heat release sheets	177 ± 9	225 ± 17	6	67 ± 5	55
Autofix E	Indirect heat release sheets	177 ± 9	225 ± 17	5.5	67 ± 5	55

All Tullis Russell heat release paper product variants are supplied precision sheeted and ream wrapped or can be supplied in rolls.

The sheet length, width and square parameters are controlled to ≤ 0.5 mm.

Sheet shape when measured under controlled equilibrium RH conditions is ≤ 4 % Negative down to ≤ 1 % Positive down.

We recommend that all papers are pre-conditioned to stabilize the product to the print room conditions before printing