Through a newly developed two-layer coating technology, iOwl brings exceptional quality and long run press performance without the need for post baking. It delivers high resolution and precise tone reproduction in the most demanding press environments such as UV ink and alcohol substitute founts. The state-of-the-art technology also provides wide processing latitude to achieve excellent stability and FM imaging capability. iOwl is suitable for a wide range of commercial, newspaper and packaging applications, and is ideal for customers who need a robust thermal CTP plate.

### Model
iOwl

### Plate
No preheat, positive-working, thermal digital plate with excellent chemical and press durability; no need baking for UV ink printing

### Application
Commercial, newspaper and packaging print applications

### Aluminum
Electrochemically grained and anodized aluminum substrate

### Gauge
0.15mm, 0.20mm, 0.25mm, 0.30mm, 0.40mm

### Coating color
Light blue

### Spectral sensitivity
780-850nm

### Exposure energy required
120mJ/cm²-150mJ/cm² (dependent on imager type, configuration and resolution)

### Resolution
1% to 99%@200lpi or 10 mFM

### Developer
iOwl Dynamic supplement 80-120ml/m², static supplement 80ml/h

### Develop Temperature
22°C -24°C

### Develop Time
25±5 Seconds

### Run length
400,000 impressions unbaked; 1,000,000 impressions for UV ink applications, 1,000,000+ impressions baked (dependent upon image resolution, press, press chemical, ink and paper conditions)

### Safe light
Daylight handling

### Shelf life
12 months, under recommended storage conditions (Temperature of 5-30°C, relative humidity no more than 65%)