

TECHNICAL DATA SHEET

Freedom 30 mW Negative Working Photopolymer Violet Plates

Application	Freedom 30 mW negative working photopolymer violet aluminum plates are used in Computer-to-Plate Systems. This reliable, robust plate is ideal for commercial medium to long run sheetfed and offset printing.
Features	<ul style="list-style-type: none">• Electrochemically grained and anodized for predictable plate performance• High quality graining/anodizing for stable ink/water balance• Super durable coating for press runs up to 250,000 unbaked and 500,000+ impressions when baked• Fast, accurate plate exposure with simple processing• Wide exposure latitude
Spectral Sensitivity	405 nm violet laser light source, 30 mW
Exposure	50mJ/cm ²
Resolution	3% - 97% at 200 lpi
Exposure Energy	Stouffer 21 step wedge step 3, solid ghost 5; UGRA wedge step 2, solid 4 ghost
Pre Heating	Required, ensures a harder, durable image for long press runs
Developer & Finisher	Dot Works Freedom Developer - 75° F (24°C) for 35 seconds Dot Works Finisher
Processor Speed	Up to 6.5 ft/min (2m/min)
Working Conditions	Operating Temp: 73° ±3° F (23° ±2° C) 50% ± 10% RH
Safelight	Yellow-Gold Y-G 10
Availability	<ul style="list-style-type: none">• Gauge - .006", .008", .012" (.015" & .020" special order)• Sizes – most standard sheetfed and web sizes available; special sizes available on request

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