

## Technical specifications

English

Product name	Total thickness		Relief		Base		Durometer Shore D
	mm	inch	mm	inch	mm	inch	
DF 80BT	0.80	0.031	0.53	0.021	0.27	0.011	60
DF 94BT	0.94	0.037	0.67	0.026	0.27	0.011	60

  

<b>Base substrate</b>	Polyester film
<b>Maximum custom size</b>	900 mm × 1200 mm (35.4" × 47.2") For standard sizes, see the Miraclon Letterpress analog plates catalog.
<b>Minimum size</b>	A4: 210 mm × 297 mm (8.3" × 11.7")
<b>Plate color</b>	Transparent
<b>Surface type</b>	Matte
<b>Resolution</b>	1%–95% @ 175 lpi
<b>Isolated dot reproduction</b>	70 µm
<b>Fine line reproduction</b>	30 µm
<b>UVA main exposure</b>	3–5 minutes @ 700–1500 mJ/cm <sup>2</sup> (300–400 nm) Solid step (Stouffer scale) 15–17
<b>Washout</b>	Aqueous (tap water) 2.5–3.0 minutes @ 30–35°C (86–95°F)
<b>Drying</b>	10–20 minutes @ 60–90°C (140–194°F) Final dry times vary, depending on the plate thickness and processing equipment.
<b>Ink compatibility</b>	Solvent-based or UV-cured inks
<b>Storage and handling</b>	Store unopened packs flat and away from excessive cold, heat, and humidity. Handle in yellow light. Use in a controlled environment as specified below.
<b>Environment</b>	10–21°C (50–70°F) @ 10%–35% RH (See also Partner Place answer 68544.)
<b>Application</b>	Label printing, rotary label press

*Actual print quality may differ, depending on customer equipment and environmental conditions.*