

Torelief Technical News - N°35



Torelief

Water washable thin plates

- WS43HX4 / WS58HX4 (Spray & Brush washable)

1. Features

- i) Water washable by either spray or brush action washer.
- ii) Excellent image reproduction.
- iii) Reliable contact with negative due to matte finished surface.
- iv) Easy and fast plate-making.
- v) Superior ink receptivity and long printing life.

2. Major Application

Dry offset printing for business forms, metal decorating, pad printing, packaging and others. All kinds of inks except water based inks are usable.

3. Major Specifications

	WS43HT	WS58HT
Total thickness	0.43 mm (.017 in)	0.58 mm (.023 in)
Relief Depth	0.21 mm (.008 in)	0.31 mm (.012 in)
Base material	Steel	Steel
Reproduction	175 Lpi	175 Lpi
Minimum Line Image	40/u	40/u
Minimum Isolated Dot	200/u diameter	200/u diameter
Hardness	Shore D 65°	Shore D 65°
Distortion factor	2.00mm	2.8mm

4. Plate Making

i) Exposure

° Set timer to expose the plate in order to obtain step 14-16 on grey scale.

° Standard exposure time:

Fluorescent lamp:	3-5 minutes
Super high-pressure mercury lamp	0.5-1.5 minutes

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