Ink Savings.......

The practical application of extreme GRC in ICC CMYK profiles

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Real world tests of 'Extreme' GCR profiles

- VIGC GCR (Max TAC) profiles from Fogra 39 and 47 data sets

- Produced using X Rite iProfiler/Publish software

- Profiles produced between a TAC 180% and 320%

- The 'large' profile option was used by VIGC

- TAC levels 220%, 260%, 300%, 320% used

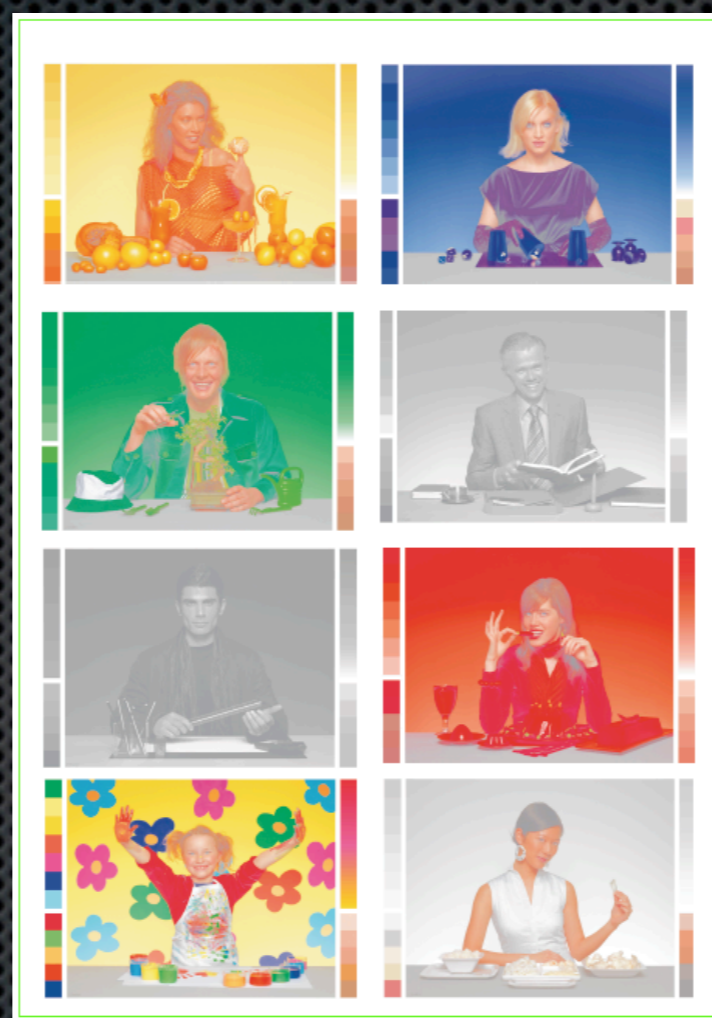- The four Fogra 39 based profiles were proofed and printed

Technical testing details

- Four PDF X1a files produced using Adobe InDesign

- Each proofed to ISO 12647/7, using an EFI XF color rip and Epsom Stylus Pro 7900S and validated to ISO 12647/7

- Printed together on a Heidelberg CD74, using Screen Spectra 2 XM screening.

- Validated to ISO 12647/2 using Bodoni PressSign

The PDFs.....

ISO coated v2 330%

The PDFs......

ISO coated v2 VIGC 39L 220% v2

Profiles v software ink saving 'Sliders'

* Ink savings software is suitable for some markets/ production methods

* GCR profiles are better for others

* Profile transforms can be used in editing softwares

Please review the test and production samples