

X-Rite MeasureTool 5

- FOGRA Media Wedge -

Quick Report

Proofer:
Rendering Intent:
Paper:
RIP:

Process
Paper
Grammage
Dot gain CMY 40 %

Offset
Paper types 1,2
115 g/m2
13%

Printing condition:
commercial printing, paper type 1 or 2, i.e. gl. or matt coated art, 115 g/m2, positive-acting plates,
periodic screen 60/cm, solids and TVI according to "ProzessStandard Offsetdruck" and ISO/DIS 12647-2:2004/(Amd 1, 2007)

Measurement conditions:
ISO 13655: CIELAB, geometry 0/45 or 45/0, 2° observer, D50, white backing

Summary:

| Category | Check for | Actual value | Result |
|---------------------------------------|-----------|--------------|--------|
| Paper white dE | <=3.00 | 0.60 | OK |
| Average dE | <=3.00 | 1.48 | OK |
| Max dE | <=6.00 | 4.94 | OK |
| Primary C dE | <=4.00 | 2.02 | OK |
| Primary M dE | <=4.00 | 1.97 | OK |
| Primary Y dE | <=4.00 | 1.76 | OK |
| Primary K dE | <=4.00 | 0.45 | OK |
| Outer gamut patches Average dE | <=4.00 | 1.79 | OK |
| ISO 12642-2 patches Average dE | <=4.00 | 1.48 | OK |
| ISO 12642-2 patches 95% Percentile dE | <=6.00 | 3.27 | OK |
| Primary C dH | <=2.50 | 2.01 | OK |
| Primary M dH | <=2.50 | 0.48 | OK |
| Primary Y dH | <=2.50 | 0.08 | OK |
| Primary K dH | <=2.50 | 0.00 | OK |
| Grey balance Average dH | <=1.50 | 0.33 | OK |

>> The analysed FOGRA media wedge measurement data IS within standard ! <<

MeasureTool 5, 7/2/2020

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Patch Comparison:

| Patch Name | Ideal Lab L | Ideal Lab a | Ideal Lab b | Actual Lab L | Actual Lab a | Actual Lab b | Delta E |
|------------|-------------|-------------|-------------|--------------|--------------|--------------|---------|
| A1 | 55.00 | -37.00 | -50.00 | 54.84 | -38.54 | -48.71 | 2.02 |
| A2 | 66.86 | -24.73 | -37.10 | 66.79 | -25.59 | -36.53 | 1.03 |
| A3 | 79.72 | -12.53 | -21.75 | 79.75 | -13.29 | -21.15 | 0.97 |
| A4 | 48.00 | 74.00 | -3.00 | 46.51 | 72.82 | -2.48 | 1.97 |
| A5 | 60.84 | 50.59 | -6.74 | 60.61 | 48.94 | -7.12 | 1.71 |
| A6 | 76.42 | 25.78 | -6.91 | 76.52 | 23.36 | -6.61 | 2.44 |
| A7 | 89.00 | -5.00 | 93.00 | 88.04 | -5.00 | 94.47 | 1.76 |
| A8 | 90.34 | -4.70 | 62.56 | 88.95 | -5.06 | 61.87 | 1.60 |
| A9 | 92.19 | -3.47 | 31.15 | 91.82 | -4.53 | 32.09 | 1.46 |
| A10 | 53.08 | 37.72 | 28.91 | 52.53 | 36.88 | 29.17 | 1.03 |
| A11 | 41.55 | 22.73 | 16.76 | 40.55 | 20.90 | 16.89 | 2.09 |
| A12 | 31.92 | 39.95 | 23.98 | 31.45 | 39.32 | 22.75 | 1.46 |
| A13 | 32.54 | 44.45 | -1.80 | 32.14 | 43.66 | -2.89 | 1.40 |
| A14 | 51.28 | 1.27 | 44.50 | 50.88 | 0.40 | 44.28 | 0.98 |
| A15 | 34.56 | -36.44 | 13.86 | 33.87 | -35.26 | 12.34 | 2.05 |
| A16 | 35.95 | -26.19 | -20.86 | 34.76 | -26.80 | -21.52 | 1.49 |
| A17 | 20.92 | 9.58 | -23.65 | 20.42 | 7.65 | -24.06 | 2.03 |
| K10 | 88.97 | 0.00 | -1.85 | 87.98 | -0.06 | -2.63 | 1.26 |
| K20 | 82.79 | 0.00 | -1.69 | 82.35 | -0.81 | -1.77 | 0.93 |
| K40 | 69.28 | 0.00 | -1.35 | 68.69 | -0.56 | -1.60 | 0.85 |
| K60 | 54.14 | 0.00 | -0.97 | 55.01 | -0.09 | -0.52 | 0.99 |
| K80 | 36.62 | 0.00 | -0.52 | 35.93 | -0.57 | -0.01 | 1.04 |
| K100 | 16.00 | 0.00 | 0.00 | 15.71 | -0.33 | 0.10 | 0.45 |
| B1 | 24.00 | 22.00 | -46.00 | 21.88 | 24.28 | -49.83 | 4.94 |
| B2 | 40.88 | 17.88 | -36.58 | 39.12 | 20.55 | -38.96 | 3.99 |

| | | | | | | | |
|------|-------|--------|--------|-------|--------|--------|------|
| B3 | 63.69 | 10.33 | -23.76 | 62.39 | 13.23 | -25.34 | 3.55 |
| B4 | 47.00 | 68.00 | 48.00 | 45.98 | 68.02 | 46.81 | 1.57 |
| B5 | 58.50 | 47.10 | 37.88 | 57.15 | 46.74 | 38.61 | 1.57 |
| B6 | 74.18 | 22.92 | 21.37 | 73.57 | 21.98 | 21.27 | 1.12 |
| B7 | 50.00 | -65.00 | 27.00 | 49.91 | -64.21 | 27.20 | 0.82 |
| B8 | 62.13 | -39.82 | 21.01 | 62.02 | -41.86 | 22.14 | 2.33 |
| B9 | 76.97 | -19.06 | 11.03 | 76.83 | -19.92 | 11.48 | 0.99 |
| B10 | 71.22 | 18.85 | 17.25 | 71.20 | 17.71 | 16.86 | 1.20 |
| B11 | 71.24 | 22.15 | 73.08 | 70.84 | 20.77 | 72.76 | 1.47 |
| B12 | 47.74 | 71.20 | 16.24 | 46.65 | 71.87 | 15.23 | 1.63 |
| B13 | 38.01 | 55.38 | -20.94 | 37.66 | 54.74 | -21.92 | 1.23 |
| B14 | 73.66 | -22.81 | 67.57 | 73.62 | -22.81 | 69.65 | 2.08 |
| B15 | 52.33 | -52.31 | -20.15 | 51.83 | -53.24 | -20.61 | 1.15 |
| B16 | 43.34 | -17.03 | -48.62 | 42.94 | -17.61 | -48.84 | 0.74 |
| B17 | 95.00 | 0.00 | -2.00 | 94.58 | -0.16 | -2.39 | 0.60 |
| G10 | 88.54 | -0.38 | -3.13 | 88.13 | 0.00 | -3.65 | 0.76 |
| G20 | 81.95 | -0.89 | -4.10 | 81.96 | -1.13 | -3.43 | 0.72 |
| G40 | 67.67 | -1.96 | -4.37 | 67.65 | -2.15 | -4.38 | 0.19 |
| G60 | 52.22 | -2.48 | -3.53 | 52.87 | -2.58 | -2.75 | 1.02 |
| G80 | 37.47 | -3.86 | -3.15 | 36.94 | -3.63 | -3.17 | 0.58 |
| G100 | 26.29 | -6.81 | -3.41 | 25.51 | -6.73 | -3.68 | 0.83 |