PDF file format

1. It must conform to the **PDF/X-1a:2003** standard in the **PDF 1.3** version, with profile "Coated Fogra 39" (compatible with Acrobat 4);
2. It must not be password protected;
3. It must contain one page only;
4. It must be composite (no separations allowed);
5. It must not contain over 10,000 vector objects or track layout with more nodes (anchorage points) than the specified value;
6. The number of tracks on page it must be less than 20.000 objects;
7. It must not contain images 16Bit for channel;
8. It must not contain "PieceInfo" (Application information structure);
9. It must not contain transparent objects.

Fonts used

1. All fonts must be embedded in the PDF;
2. Use Open Type fonts. Don't use **CID** fonts.

Colours and resolution

1. Colour images must be in high resolution (**300 dpi**). Use **CMYK** space only (best to use the "Coated Fogra39" ICC profile). Any RGB, Lab, Pantone and flat color "All" elements must be converted into CMYK; Screen 60 lines (screen Agfa-Sublima). The white dot should not go over 5% cyan, 4% magenta and 4% yellow. Black should not go over a hue value of 90%. The total percentage of colour saturation (**total INK**) should not go over 240%. Dot Gain of print 15-20%;
2. For grayscale images, use **Grayscale (15%)** space with **300 dpi** resolution;
3. For line art, use **Black & White** space and use only vector paths or Bitmap with **1200 dpi** resolution;
4. For color adv avoid written texts with font size below 14px and avoid frames or lines in negative on colored background. For written texts, frames or lines in positive with font size below 14px, **use only black color** (no cyan, no magenta, no yellow). This is to avoid any out of register during printing.

File size and trim

1. PDF sizes must be built to bleed. With no additional margins and printing marks.
Trim Box and **Bleed Box** sizes must match.
Load PDF files on the Group's portal only from the following URL (we cannot receive PDF files through mail or we transfer):

https://portalemateriali.system24.gruppo24ore.com

Material delivery deadline: 3 business days before publication.