

Product Description T300 is a two sides corona treated synthetic paper finished with a printable (E300) foil top layer, perfect for tags, labels, looptags, lumber tags, wine glass labels, steel hangers and many more.
Differing from any other polymer based materials, the synthetic papers and are resistant to any moisture (water / grease / chemicals).
Features include excellent printability using all conventional methods, and the material has been designed to significantly reduce die wear and improve run speeds when printing and converting.

Colours White, Yellow, Red, Green and Blue

Technical Information

E300 - Foil Calendered P.V.C.
Thickness film 75 +/- 5% micron

Technical information
T300 - Tag material

| | | TG5A75 | TG5A100 | TG5A120 | TG5A140 | TG5A190 | TG5A240 | TG5A280 | TG5A320 | TG5A350 | | |
|-------------------------|--------------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|-------------|-----------|
| Properties | Unit | Value | | | | | | | | | Test Method | |
| Caliper | μ | 75 | 100 | 120 | 140 | 190 | 240 | 280 | 320 | 350 | ISO 4593 | |
| Density | g/cm ³ | 1.12 | 1.05 | 1.04 | 1.04 | 1.07 | 1.07 | 1.09 | 1.08 | 1.11 | Internal | |
| Weight | g/m ² | 84.0 | 105.0 | 125.0 | 146.0 | 202.7 | 257.0 | 304.0 | 346.0 | 390.0 | ISO 536 | |
| Average Yield | m ² /kg | 11.9 | 9.5 | 8.0 | 6.8 | 4.9 | 3.9 | 3.3 | 2.9 | 2.6 | Internal | |
| Tensile Strength | MD | MPa | 35 | 39 | 37 | 35 | 33 | 28 | 28 | 27 | 27 | ISO 527-3 |
| | TD | MPa | 25 | 28 | 27 | 26 | 25 | 24 | 24 | 24 | 24 | ISO 527-3 |
| Elongation | MD | % | 450 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | 500 | ISO 527-3 |
| | TD | % | 500 | 550 | 550 | 550 | 500 | 500 | 500 | 500 | 500 | ISO 527-3 |
| Tensile Modulus | MD | MPa | 1350 | 800 | 1200 | 1200 | 1350 | 1350 | 1250 | 1150 | 1200 | ISO 527-3 |
| | TD | MPa | 1200 | 850 | 1050 | 1050 | 1150 | 1150 | 1150 | 1050 | 1150 | ISO 527-3 |
| Surface Tension | dyne/cm | >44 | | | | | | | | | ISO 8296 | |
| Whiteness | % (L*) | 94 | | | | | | | | | CIELAB | |

NOTE: If the film is transported or stored at temperatures below +15 °C, it is recommended to season it at a temperature above 20°C for a minimum of 24 hours before it is further processed. If the film is transported or stored at temperatures below +5°C, the seasoning should be extended to a minimum of 48 hours. Observing these conditions will guarantee a correct film processing and preservation of the recommended film properties.