

HIPERPRIME®

HIGHLY CHEMICAL RESISTANT TOPCOAT FOR THERMAL TRANSFER PRINTING

Hiperprime® is a highly chemical resistant topcoat which is designed for thermal transfer printed labels that are used in harsh environments. When printed with Ricoh B110CU or 3M 92904 resin ribbons, no overlam is required and readability of the print is ensured even after contact with fuel, solvents and other chemicals. Hiperprime® is available in glossy or matt finish and can be combined with a wide range of VOID and security label technologies. Hiperprime® labels can be pre-printed with fixed designs using UV-flexo technology.

CHARACTERISTICS:

- Available widths: 1,020 (40.16") & 1,550 mm (61.02")
- Base materials / thicknesses: PET 12 - 75 µm (0.47 – 2.95 mil),
PP 30 - 50 µm (1.18 – 1.97 mil),
- Design options: clear, white, silver, coloured
- Surface finish: glossy, semi-matt, matt, customized finishes available
- Additional features: customizable VOID pattern, holograms, security printing
- Topcoat printability: thermal transfer - wax, wax/resin, resin ribbons;
best performance is obtained with Ricoh B110CU or 3M 92904 resin ribbon;
UV-flexo (subject to customer evaluation)



CHARACTERISTICS:

Performance of HIPERPRIME® on PET 50 µm white:

when printed with Ricoh BI 10CU thermal transfer ribbon on a 300dpi ZEBRA ZM4+ flat head printer

Substance	Number of rubs (back & forth)	Performance
Ethanol	250	+++
IPA	250	+++
Unleaded petrol (SP95)	85	++
Diesel	250	+++
Brake Fluid	250	+++
Motor Oil	250	+++
Windshieldwasher	250	+++
MEK	185	++
Xylene	250	+++
Toluene	250	+++
Acetone	250	+++
Thinner	250	+++
Hexane	250	+++
Scratch rubber	50	+++
Smear & Heat 100°C	50	+++
Water 24 hours	n.a.	+++
Light 73 hours (Xenon)	n.a.	+++

+++ Good

++ Average

+ Bad

Test conditions available on request

For detailed information and samples of HIPERPRIME®, please get in touch with the HUECK FOLIEN team.

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