



WHITE INKS

WATER BASED

Technical Data Sheet

PWB-111 Super White

PWB-111 Super White is a water based white with excellent elasticity, excellent opacity, and a very soft-hand. This ink is very easy to work on the screen. Recommended meshes are 43-77 t/cm (110-195 t/in). This white should be cured at 150-170°C (302-338°F) for 1-1.5 minutes twice. Coloring can be achieved by mixing up to 4% by weight of water based pigments.

HPW-105 Rotation Mat-White

HPW-105 Rotation Mat-White is specially designed to print with rotary screens.

HPW-111 Ultra Mat-White

HPW-111 Ultra Mat-White is an economical ready-to-print water based white. However, the elasticity and ease to work on screen of HPW-111 isn't as good as PWB series white inks and doesn't have a soft-hand. Has poor washing and abrasion fastnesses. The only reason this white should be used is cost efficiency. Recommended meshes are 43-54 t/cm (110-137 t/in). This white should be cured at 150-170°C (302-338°F) for 1-1.5 minutes. Garments printed with HPW-111 should be washed inside-out at 30-40°C (86-104°F).

HPW-220 Discharge White

HPW-220 Discharge White is a special water based white which replaces the garments dye and produces a very soft-hand. Recommended meshes are 43-54 t/cm (110-137 t/in). This white should be cured at 150-170°C (302-338°F) for 1-1.5 minutes twice.

** Important! Please read TDS.02202 for precautions on discharge printing.*

HPW-410 Foil-Resist White

HPW-410 Foil-Resist White is a special water based white which resists foil. Recommended meshes are 43-61 t/cm (110-156 t/in). This white should be cured at 160-170°C (320-338°F) for 1.5 minutes twice.

HPW-510 Crackle White

HPW-510 Crackle White is a special water based white which will give a crack effect to the print. Recommended meshes are 43-61 t/cm (110-156 t/in). This white should be cured at 160-170°C (320-338°F) for 1.5 minutes twice.

* All recommendation and statements made, if any, are based on Renk Yolu Kimya's research and experience. However, since Renk Yolu Kimya has no control over the conditions of use or storage of the product sold, Renk Yolu Kimya cannot guarantee the results obtained through the use of its products. All products are sold and samples given without any representation or warranty, expressed or implied, of fitness for any particular purpose or otherwise, and upon condition that the buyer shall determine the suitability of the product for its own purpose. This applies also where protective rights of third parties involved. It does not release the user from the obligation to test the suitability of the product for the intended purpose and application.

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