



## Color Way HPW™ Series

WATER BASED

Technical Data Sheet

### HPW-310 Printing Base

Ready to print ink to use on light-colored garments. Contains low levels of gas. Suitable garments are 100% cottons and cotton/polyester jerseys with a maximum of 30% polyester mixture.

PRINTER'S GUIDE	
Mesh	43-77 t/cm (110-195 t/in)
Curing Information	150-170°C (302-338°F) / 1-1.5 minutes (if needed, cure it twice)
Coloring	3-5% by weight water based pigments
Storage	5-25°C (41-77°F). Avoid direct sun. Keep containers tightly closed when not using.
Cleanup	Clean with water or non-abrasive detergents.
Packaging	In 5kg buckets, 30kg plastic drums.
Washing	Wash inside out at 30-40°C (86-104°F).

**Special Instructions:** To increase the washing and abrasion fastnesses, 1% PWB-F44 Fixing Agent should be added. For preventing the ink to clog the screen, 1-3% PWB-R10 Retarding Agent may be added. Whenever PWB-R10 is used, 1% of PWB-F44 must be added too. In order to increase the washing and abrasion fastnesses, up to 30% HPW-320 Polyester Base may be added.

### HPW-320 Polyester Base

Ready to print ink suitable for 100% polyesters, 100% cottons and cotton/polyester jerseys.

PRINTER'S GUIDE	
Mesh	43-77 t/cm (110-195 t/in)
Curing Information	150-170°C (302-338°F) / 1 minute (if needed, cure it twice)
Coloring	3-5% by weight water based pigments
Storage	5-25°C (41-77°F). Avoid direct sun. Keep containers tightly closed when not using.
Cleanup	Clean with water or non-abrasive detergents.
Packaging	In 5kg buckets, 30kg plastic drums.
Washing	Wash inside out at 30-40°C (86-104°F).

**Special Instructions:** To increase the washing and abrasion fastnesses, 1% PWB-F44 Fixing Agent should be added. For preventing the ink to clog the screen, 1-3% PWB-R10 Retarding Agent may be added. Whenever PWB-R10 is used, 1% of PWB-F44 must be added too. HPW-310 and HPW-320 are intermixable. HPW-320's washing and abrasion fastnesses are higher than of HPW-310's.

\* 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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