



AQUAPRO RETROFLEC SILVER 5700RS

AQUAPRO RETROFLEC WHITE 5700RW

AquaPro Retroflec Silver and White are direct-print, water-based reflective inks that produce reflective prints that are more durable and more reflective than most plastisol versions. Garments printed with Retroflec will provide higher visibility in low-light situations for joggers, cyclists or construction workers who wear the garment in low-light situations. Prints made with Retroflec are not recognized by insurance companies as their reflectivity does not meet safety standards for reduced rates. This is a two-part ink system, please pay attention to the mixing instructions below.

Mixing Instructions:

This is a two-part system. The reflective beads are enclosed in a separate container and have been weighed out to provide the exact amount to be mixed into the entire gallon. To make smaller amounts, mix by weight one-part base with one equal part reflective beads and mix thoroughly. For example, to make 400 grams of product, weigh out 200 grams of 5700RS Reflective Silver Base and 200 grams of Reflective beads. All measurements should be by weight and carefully weighed using a digital gram scale. Do not mix the reflective beads into the base until you are ready to use the ink. All mixing should be done by hand as high-speeding mixing may damage reflective beads. After the beads are mixed into the base the pot life of the mixed ink will be 48 hours. Be aware that Reflective Silver Base is to be mixed reflective silver beads and Reflective White Base is to be mixed with reflective white beads. A 5% by weight of Fixative should be added for increased durability and excellent washfastness.

Printing Technique:

Excellent reflective prints are achieved by printing one stroke that pushes the ink into the fabric then without flashing, printing another layer on top of the first layer. A print/flash/print technique is not recommended and will not produce good results. Also due to the reflective nature of the ink, the dwell time inside the conveyor may be necessary to fully cure the print.

Components:

5700RS— Reflective Silver Base.
 5700RW- Reflective White Base.
 Silver Reflective Beads
 White Reflective Beads
 5150 AquaFix Fixative
 5194 AquaLife Retarder

TECHNICAL DATA



IDEAL FABRIC

Cotton / Poly Cotton Blends
 or 100% polyester



MESH

Inks—80-110/inch (32T-44T)



SQUEEGEE

70 or 70/90/70 Triple
 Durometer



STENCIL

Water-proof stencils .



CURING

Heat cure at 300°-330° F
 (150°-165° C) for 90 seconds
 or longer .



PIGMENT LOADING

N/A



ADDITIVES

AquaLife Retarder—5-10%.
 AquaFix—5%.
 Reducer—Water as needed.



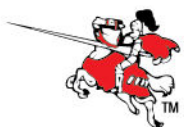
STORAGE

60°-90° F (15-33° C) with lids
 sealed tightly.



CLEANING

Warm water immediately after
 printing and use Enviro Series
 2000 Green for difficult spots.



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