FUJIFILM
Value from Innovation

Technical announcement

New processless plate

SUPERIA ZD

Suitable for longer print runs and UV Ink compatible

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SUPERIA

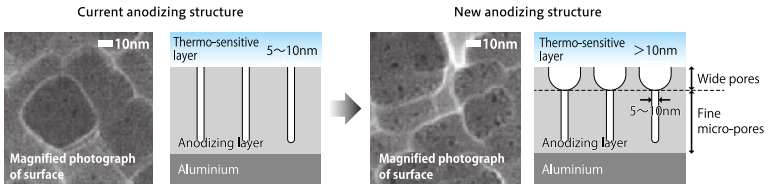
New processless plate
SUPERIA ZD

More suitable for long run jobs and UV printing!

SUPERIA ZD is a new processless plate being added to the SUPERIA portfolio in the months following drupa 2016, that meets all five resource saving elements that are part of the SUPERIA concept. Fujifilm has developed the advanced technologies in its market leading PRO-T3 processless plate even further to ensure SUPERIA ZD is suitable for longer run jobs and is compatible with UV ink. This is set to bring the advantages of processless plates to a much wider range of printers. In addition to the new features of higher run lengths and compatibility with UV inks, SUPERIA ZD plates will also feature the same stability and reliability as the market leading processless plate, PRO-T3.

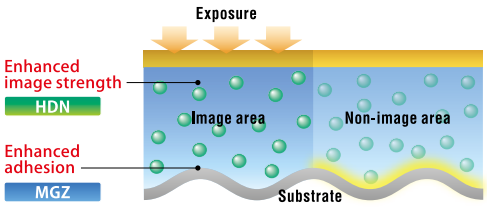
1 Higher run length feature: MGZ technology

MGV technology was used in Fujifilm's PRO-T3 plate to ensure the optimum ink/water balance on press. For SUPERIA ZD, an additional new graining structure has been applied on top of MGV, called "MGZ". This new plate structure enhances the adhesion between the substrate and the exposed image, further improving the robustness of the plate during printing.



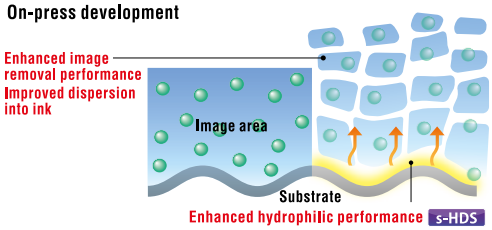
2 UV ink compatibility: HDN technology

In order to ensure compatibility with UV inks, a new accelerator has been introduced. As a result, optical energy is used to efficiently close link the binders to produce a high density network. This ensures that the exposed image has a higher resistance against UV inks and related press chemicals.



3 Stability and reliable s-HDS technology

A newly developed "s-HDS" technology optimises the water holding properties of the surface of the non-image area. This enhances the resistance to toning and improves the ink/water balance while retaining the fast on press development characteristics of PRO-T3.



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