

Technical Data Sheet

KT - ADDITIVE SERIES

"KT – Additive series are the series which have been developed to be added into our flexo and rotogravure inks with required quantities, depending in times of need for printing.

Flexo / Roto

R.0

PRINTING METHOD:

- Rotogravure and Flexo

CHARACTERISTICS:

- Shall differ based on the code and function of the additive.

THINNING:

- Can not be thinned, addition is made with below declared amounts into the ink

PHYSICAL PROPERTIES:

- Shall differ based on the code and function of the additive. It is certainly useful to mix before using, because of the consisting active substances inside.

STORAGE AND SHELF LIFE:

- For sealed buckets at room temperature, shelf life is 1 year.

PRODUCT CODE	PRODUCT NAME	USAGE RATIO	PROPERTIES
KT0001	ADHESION PROMOTER	%3-6	Used to increase the adhesion property of the print on the surfaces which adhesion needed to be increased, when added into the ink with declared ratios. However, it is not recommended to use in case of both sides of the printing material has "corona" because of sticking risk.
KT0002	SLIDER ADDITIVE	%5-10	Increases the slipperiness of the ink which is used for printing onto the material. However, it can cause the ink to be matt in case of exceeded amount of use.
KT0003	DEEP FREEZE ADDITIVE	%15-20	This is an additive which increases the endurance of the ink against cold when the printed material is kept in low temperature, especially in deep-freezer, and prevents the inks to be smeared on hands after the material taken out of the deep-freezer

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PRODUCT CODE	PRODUCT NAME	USAGE RATIO	PROPERTIES
KT0005	ANTI-FOAM ADDITIVE	%0,5-1	It is an additive which prevents foaming after added into the inks which makes foaming during printing. However, in case of exceeded amount in usage, it can cause deployment in printing.
KT0006	FLEXIBILITY RAISING ADDITIVE	%2-3	It is an additive to raise the flexibility of the ink on the printed material.
KT0007	SURFACE PRINT ADDITIVE	%8-10	Increases the scratch and friction endurance of the ink when added. In case of adding into the lamination ink, then the ink can be used as surface printing ink, gains endurance against the outcoming effects. In case of using an exceeded amount, ink gets matt.
KT0010	EXTRA LAMINATION ADDITIVE	%2-3	When added into lamination inks with recommended ratios, increases the lamination endurance. Usage of exceeded amount can cause excessive adhesion, blocking problem.
KT0011	SHRINK ADDITIVE	%2-4	When added into surface printing inks with recommended ratios, increases the endurance of ink when the printed material is heat treated and after the shrinkage increases the peeling endurance by scratch and/or friction. It must be avoided to use more than recommended ratio.



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