



FLEXO NARROW WEB SOLUTIONS & SERVICES

TKMUS.COM

TKM RECOGNIZES THAT THE FLEXO NARROW WEB PRINTING MARKET REQUIRES EVER INCREASING QUALITY, FLEXIBILITY AND CUSTOMIZATION. OUR UNIQUE PRODUCT DEVELOPMENTS ALLOW YOU TO MEET THESE DEMANDS NOW AND IN THE FUTURE.



**TKM
OPTIPRINT®**

Our Premium carbon steel material that outlasts and outperforms the competition. This steel contains less sulfur particles, thereby eliminating breakouts and burrs at the surface of the anilox roller and protecting your investment. The higher chrome content allows the OptiPrint to wear more slowly, uniformly, and break down into a fine powder, which prevents metal contamination in the ink system. OptiPrint is the ideal material for line, screen, and process work.



**TKM
POWERPRINT®**

PowerPrint is a high-alloy tool steel produced exclusively for TKM. The special steel structure has outstanding wear resistance and avoids contamination of the inking system from residual steel particles. This material is designed for longer lifetime with white and other abrasive inks and coatings. It is also designed for exceptionally long print jobs like continuous CMYK and extended gamut environments.

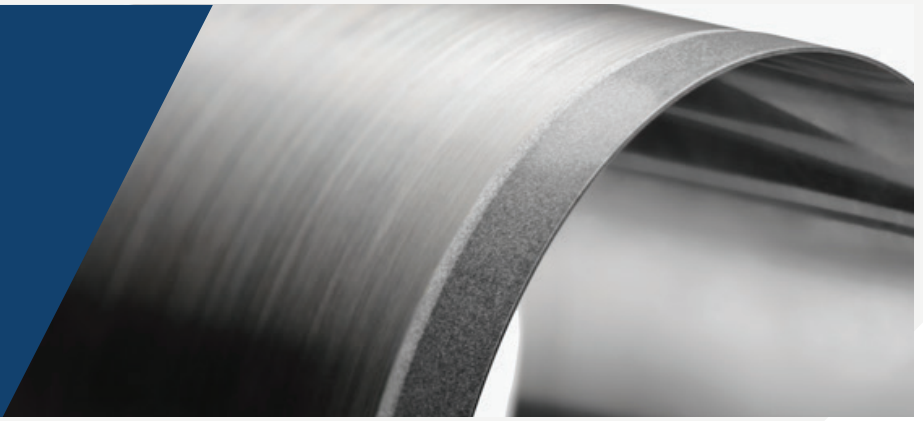


THE KNIFE MANUFACTURERS.



**+1 (859) 689-7094
SALES@TKMUS.COM**

TKM DUROBLADE®

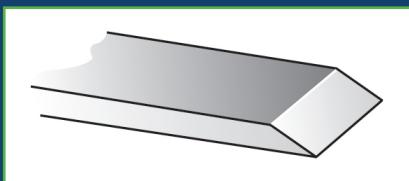
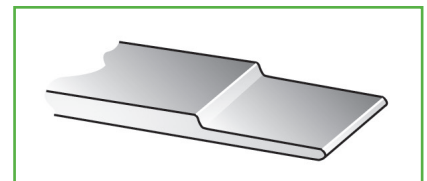


Our unique plasma ceramic tipped blade for the most abrasive applications. Designed for use with white inks, abrasive coatings, high cell volumes and gentle to the anilox. The DuroBlade is simply the longest lasting, best blade on the market.



FlexoTip ESP – Parabolic tip optimized for use with single blade and chamber systems. Our patented ESP treatment will allow for immediate clean wipe, less burr formation, and reduced pressure; all of which will increase the lifetime and printing performance of the doctor blade.

Lamella – Preground tip for best print quality when using high line screens and process colors.



Single Bevel - 15-degree single bevel tip for the cleanest wipe with single blade ink systems. Helps reduce UV ink spitting and provides a clean wipe on all anilox rollers including the highest of line screens.

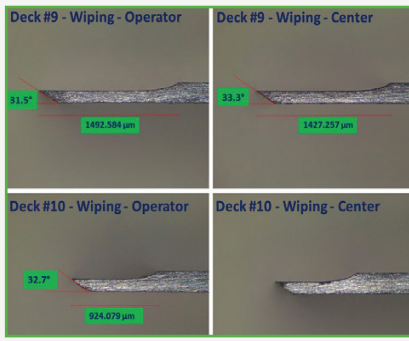
Stable – This tip is designed to eliminate ink spitting at the highest press speeds for line, screen, and process work. The increased blade thickness and stable tip design prevents blade and tip deflection to give a superior wipe and increased longevity with UV and other high viscosity inks.



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Blade Analysis – We offer our customers a blade analysis that assists in determining possible print and blade performance issues. This analysis, combined with our consultation, will assist you in determining if the correct blade setup was used.

TKM ENPUREX®

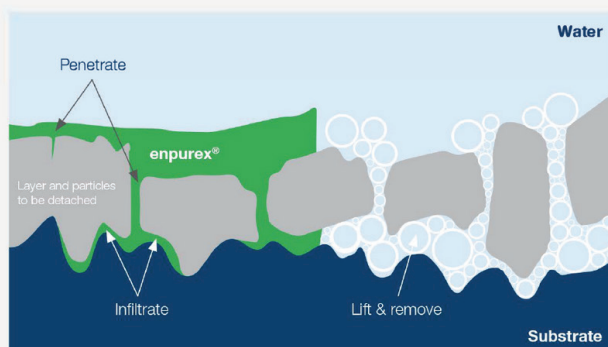


TKM enpurex is a remarkable development in cleaning fluids; it is specifically designed for UV, water and solvent based inks used in flexo printing. Ask us for a sample so you can see the results for yourself. Conventional cleaning agents are often based purely on aggressive chemicals and are either acidic or alkaline.

enpurex®	Advantages	Applications
95 Plus	<ul style="list-style-type: none"> 95% of all applications in the printing sector Flashpoint above 95 °C Recommended by the BG ETEM* 	<ul style="list-style-type: none"> Anilox rollers Print cylinders Printing rollers
Power	<ul style="list-style-type: none"> Removes cristallisation from rubber rollers Suitable for resistant inks (e.g. 2C varnishes) Removes even stubborn dirt (e.g. glue and incrustations) 	<ul style="list-style-type: none"> Anilox rollers Print cylinders Printing rollers

Operating principle

The mobile and reticular structure in the fluid enables the penetration of the ink layers. Due to the constant molecular re-structuring, the liquid acts similar to a micro-quake or a gentle ultrasonic cleaning. Even the smallest impurities are fragmented and lifted.



The addition of water cancels the cleaning activity. The dirt particles that have already been lifted can now be removed quickly, cell deep and without residues. Dissolution and smudging are avoided.

* German Employer's Cooperative for energy, textiles, electrical systems and media products



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