

# PHOTO STENCIL

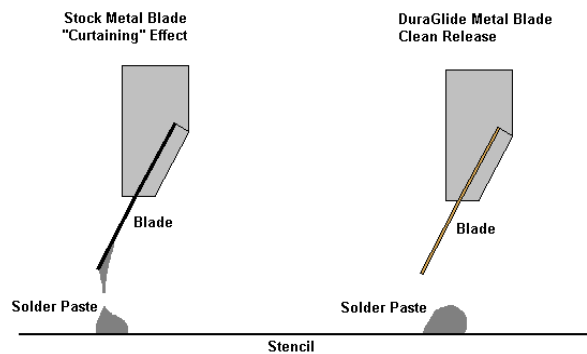
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## DuraGlide™ Metal Squeegee Blades: Increase Throughput and Reduce Material Waste

by William E. Coleman, Ph.D.  
November 2002

Independent sources conclude that the Photo Stencil DuraGlide Metal Squeegee Blade outperforms other metal squeegee blades in preventing material waste and line down time.

Photo Stencil's unique DuraGlide coating process yields an extremely hard, very dense, and low surface energy coating. While solder paste sticks readily to most bare metal and even some after market coated blades, the DuraGlide coating is so dense and smooth, that solder paste "curtaining" (see figure below) is virtually eliminated.



A solder fouled print edge prevents a clean print stroke, leaving streaks or a film of solder paste behind resulting in more material waste. Solder fouled blades decrease productivity, requiring additional down time to clean residual paste to ensure clean and consistent print results.

DuraGlide Metal Squeegee Blades can help prevent printing material waste and increase throughput by offering high performance coating technology for a low maintenance, repeatable, and consistent printing process.

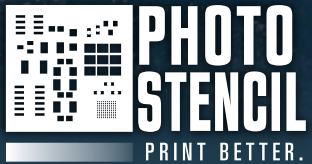
Only the DuraGlide Metal Squeegee blade offers the widest process window and compatibility with all varieties of printing materials.

For more information regarding this technical note, or on Photo Stencil products, please contact us at:

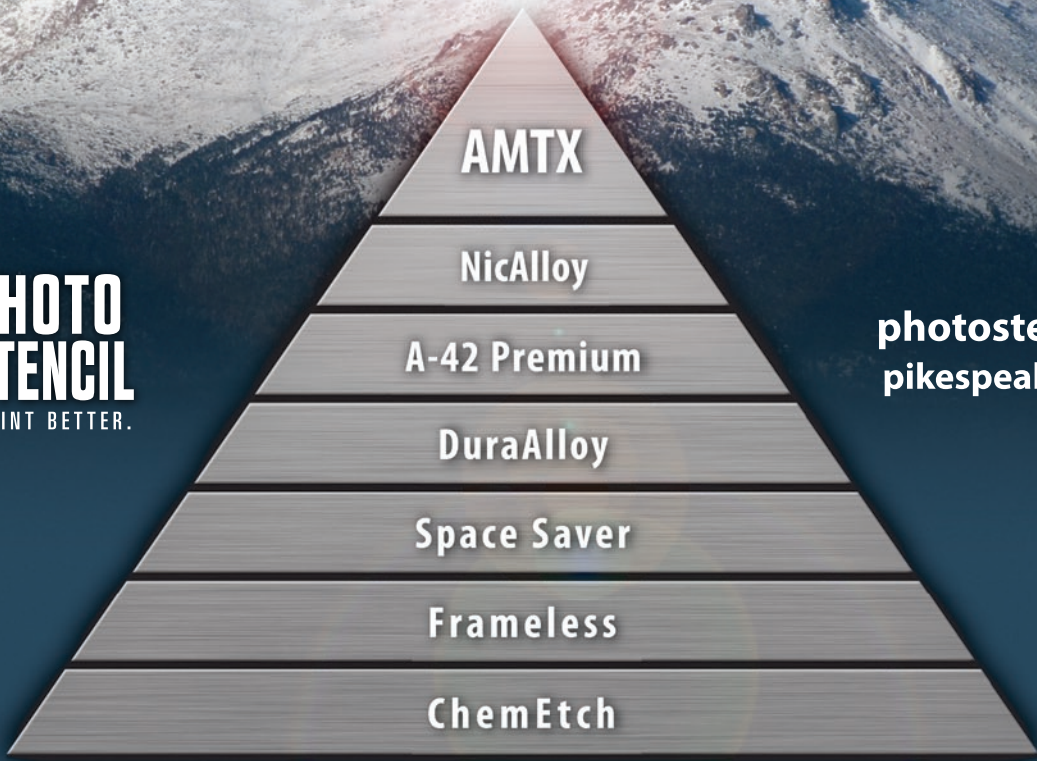
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## TECHNICAL NOTE

TOOLING • SCREENS • STENCILS • BLADES • PALLETS • TEMPLATES



[photostencil.com](http://photostencil.com)  
[pikespeakcam.com](http://pikespeakcam.com)



## STENCIL PERFORMANCE RANKING

Trust the experts.  
Ask Photo Stencil how to choose the stencil that  
will get the job done right, the first time.