

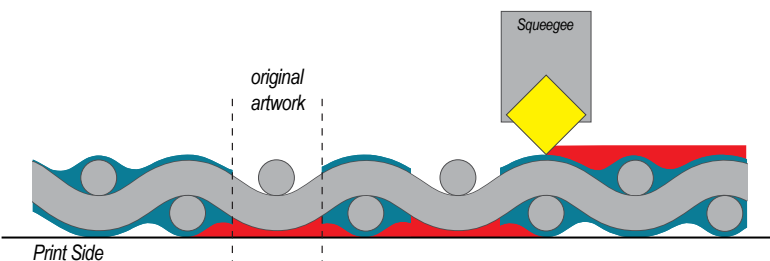
Stencil Profile vs. Print Quality

Inadequate

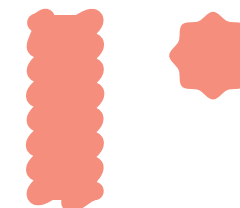
Low EOM with high Rz on the print side (thin and rough).



Print Affect



Print Result



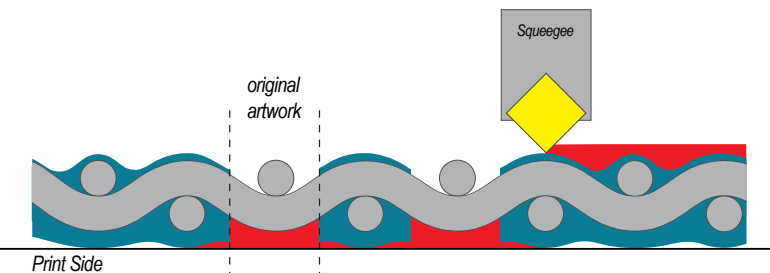
Dot gain, low opacity, and "sawtooth" print

Improved

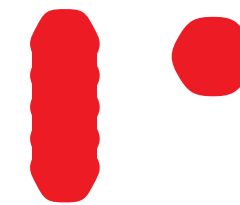
Proper EOM with acceptable Rz.



Print Affect



Print Result



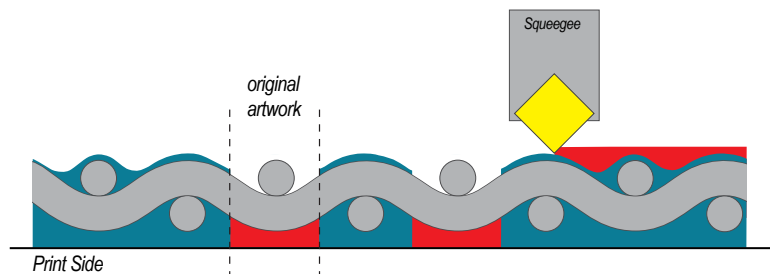
Improved image accuracy, ink opacity, and edge definition

Optimum

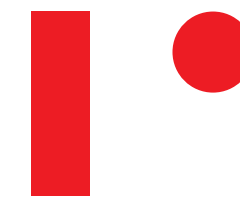
Proper EOM with low Rz.



Print Affect



Print Result



Optimum image reproduction, good opacity, sharp edges

Stencil Terminology

EOM "Emulsion Over Mesh." Proper EOM is typically 10 - 25% of mesh thickness (ft).

Rz Surface roughness of the print side. A stencil with a low Rz value has a smooth surface (desireable Rz < 5).

Chromaline Screen Print Products

4832 Grand Ave. • Duluth, Minnesota 55807

Tel: 218-628-2217 • Fax: 218-628-3245

Web Site: www.chromaline.com • E-mail: sales@chromaline.com

