

## 10070PFXCR Epic Curable Reducer

Wilflex™ Epic Curable Reducer will lower the viscosity of Epic inks without adversely affecting cure properties. Epic Curable Reducer can be used to modify the flow and printing characteristics of Epic inks.

### Highlights

- ▶ Recommended for use with Epic Inks at 10% max by weight. See relevant PIB.
- ▶ Recommended for use with Epic specialties Epic NuPuff and Epic Suede Inks at less than 10% max by weight. Excessive amounts will reduce puff height.
- ▶ Recommended for use with Epic low cure inks at 10% max by weight. Excessive amounts of Epic Curable Reducer will raise cure temperature from 270°F (132°C) to 320°F (160°C).
- ▶ Not recommended for Epic Transfer Inks (TFX) or Epic Athletic Inks (MSH, ATH).

### Printing Tips

- ▶ Addition of 5% by weight will lower the viscosity of most Wilflex inks by 25%.
- ▶ Additions above 10% may reduce bleed resistance and opacity.

### Compliance

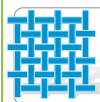
- ▶ Non-phthalate.
- ▶ For individual compliance certifications, please visit [www.wilflex.com/compliance](http://www.wilflex.com/compliance).

### Precautions

- ▶ Perform fusion tests before production. Failure to cure ink properly may result in poor wash fastness, inferior adhesion and unacceptable durability. Ink gel and cure temperatures should be measured using a Thermoprobe placed directly in the wet ink film and verified on the production run substrate(s) and production equipment. It is the responsibility of the printer to determine that the correct ink has been selected for a specific substrate and the application processes meet your customer's standards or specifications.
- ▶ Wilflex products have been carefully designed to perform within a given viscosity range and any dramatic change in viscosity may result in a change in printing characteristics.
- ▶ Stir plastisols before printing.
- ▶ Do not dry clean, bleach or iron printed area.
- ▶ **NON-CONTAMINATION OF EPIC INKS:** Do not add or mix non-Epic inks, additives or extenders with Epic inks. All buckets, palette knives, stirring apparatus, squeegees, flood bars and screens must be cleaned properly and free of phthalates and pvc containing inks. Non-phthalate emulsions and pallet adhesives must be used. Failure to follow these precautions may cause phthalate contamination in violation of consumer protection laws and regulations.
- ▶ Any application not referred in this product information bulletin should be pre-tested or consultation sought with Wilflex Technical Services Department prior to printing.
- ▶ Email: [techserviceswilflex@polyone.com](mailto:techserviceswilflex@polyone.com)



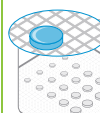
**Fabric Types**  
See relevant PIB.



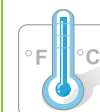
**Mesh**  
Counts: See relevant PIB.  
Tension: See relevant PIB.



**Squeegee**  
Durometer: See relevant PIB.  
Edge: See relevant PIB.  
Stroke: See relevant PIB.  
*\*Do not use excess squeegee pressure.*



**Non-Phthalate Stencil**  
Direct: See relevant PIB.  
Capillary/Thick Film: See relevant PIB.  
Off Contact: See relevant PIB.



**Flash & Cure Temperatures**  
Flash: 220°F (105°C)  
Cure: 320°F (160°C)



**Pigment Loading**  
EQ: N/A  
MX: N/A  
PC: N/A  
*\*All percentages listed at % by weight.*



**Epic Additives**  
Extender: N/A  
Reducer: N/A  
*\*All percentages listed at % by weight.*



**Storage**  
65-90°F (18-32°C)  
Avoid direct sunlight.  
Use within one year of receipt.



**Clean Up**  
Ink degraded or press wash.



**Health & Safety**  
MSDS: [www.polyone.com](http://www.polyone.com) or  
Contact your local CSR.