



# Film & Flexible Packaging

## Capabilities

	Farmers Branch, TX	Garland, TX	Orangeville, ON	Shawano, WI	Yakima, WA
Resin Reprocessing/Regrinding	●	●	●	●	●
Poly Recycling Facility				●	
Lab Analytics					●
In-House Graphics			●		●
SQF/IMS, ISO/FSSC Certified	●	●	●	●	●
Mono-Extrusion HD	●	●			
Mono-Extrusion LLDPE			●	●	●
Co-Extrusion 3 Layer	●	●	●		●
Co-Extrusion 7 Layer					●
Co-Extrusion 9 Layer					●
Printing Capabilities 4 Colors	●	●			●
Printing Capabilities 6 Colors	●	●			●
Printing Capabilities 8 Colors)		●	●		●
Printing Capabilities 10 Colors			●		●
Random Repeat Printing	●	●	●	●	●
Flexographic Printing	●	●	●		●
Water Based Inks	●	●			●
Solvent Based Inks			●	●	●
Film Slitting, Perforating, Rewinding	●	●	●	●	●
Solventless Adhesive Lamination			●		●
In-line Folding, Bag Making				●	●
Roll Bag Conversion				●	●
Side, Bottom & Handle Bags			●		●
Angle Seals					●
Star Seals				●	●
Bottom Gusseted			●	●	●
Pocket Bags			●		●
Wicketed Bags			●		●
Reclosable Zipper Bags					●
Hooder					●
VCI				●	
Masking Film	●				
Pallet Cover				●	●
Sheeting	●	●	●	●	●
Shrink Film			●	●	●
Printed Shrink Film			●		●
Commodity Bags			●	●	●
Barrier Bags/Film			●		●
Rollstock	●	●	●	●	●
Non-Wicketed Sideweld Bags			●	●	●
Offline Flexographic Printing	●	●	●		●
Pouch Seal Bags					●
Mailer & Courier Bags			●		●
Lap Seal Pouch Bags					●
Flat Bags			●	●	●
Gusseted Bags			●	●	●
Single-Wound Sheeting	●	●	●	●	●
Treated and/or Printed items	●	●	●	●	●

# Thank you for meeting with your Shields® Sales Representative! Make sure to ask about our other Novolex family of brands:

BAGCRAFT® DE LUXE® DURO® ECO-PRODUCTS® HERITAGE® HILEX®  
POLAR PAK® SHIELDS® WADDINGTON® NORTH AMERICA WADDINGTON® EUROPE

## ■ How to calculate product weights

### FLAT BAG CALCULATION (Width x Length x Gauge ÷ 15)

[Example: 14 x 16 .002]

$14 \times 16 = 224 \times 2.0 = 448$  (DIV.) BY 15 = 29.8666# = TRUE GAUGE WGHT/M  
 $29.8666 \times 90\% = 26.879\# =$  \*IND. STANDARD WGHT/M

### GUSSETED BAG CALCULATION (Total Width x Length x Gauge ÷ 15)

[Example: 14 x 5 x 16 .0015]

$(14 + 5 = 19) \times 16 = 304 \times 1.5 = 456$  (DIV.) BY 15 = 30.40 = TRUE GAUGE WGHT/M  
 $30.40 \times 90\% = 27.36\#$  \*IND. STANDARD WGHT/M

### SHEETING CALCULATION (Width x 12 x Gauge ÷ 15 ÷ 2)

[Example: 60" Single Wound Sheeting .0025 2000' /RL]

$60 \times 12$  (calculate by foot) =  $720 \times 2.5 = 180$  (DIV. BY 15) = 120 (DIV. BY 2) = 60#  
= \*TRUE GAUGE WGHT/M FEET  
 $60\# \times 90\% = 54\# =$  \*IND. STANDARD WGHT/M FEET  
\*Weight Per Roll =  $54\# \text{ div. by } 1000 = .054 \times 2000$  (# of ft. per roll) = 108#/roll

### CF-SHEETING CALCULATION (Open Width x 12 x Gauge ÷ 15 ÷ 2)

[Example: 60" CF TO 30" SHEETING .0025 1000' /RL]

54 LB ROLL \*9.25" OD

$60 \times 12$  (calculate by foot) =  $720 \times 2.5 = 1800$  (DIV. BY 15) = 120 (DIV. BY 2) = 60#  
= \*TRUE GAUGE WGHT/M FEET  
 $60\# \times 90\% = 54\#$  IND. STANDARD WGHT/M FEET  
\*Weight Per Roll =  $54\# \text{ div. by } 1000 = .054 \times 1000\text{ft.}$  per roll = 54#/roll

