



Film & Flexible Packaging

Capabilities

	Coldwater, OH	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 LLDP	●			●	●	●
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, Folding, Rewinding	●	●	●	●	●	●
Solventless Adhesive Lamination				●		●
In-line 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]

60×12 (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

60×12 (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

