

# SPECIFICATIONS

DECEMBER 2014

## IS-100

**APPLICATIONS:** Shrink bags  
Industrial packaging  
General purpose polyethylene  
Cost sensitive uses  
Temperature use to 180 F

**DESCRIPTION:** Single layer film  
Two sided sealing  
LDPE based  
Industry standard Specification  
FDA approved

**SPECIFICATIONS:**

Property	Units		1.5 mil	2.0 mil	3.0 mil
O2TR	cc/100 sq. in.-day-atm		475	315	150
WVTR	g/100 sq. in.-day-atm		1.00	0.65	0.34
Dart	Grams		60	95	160
Secant	Psia	MD	33000	31000	27000
Modulus	Psia	TD	43000	42000	37000
Tensile	Psia	MD	4100	3800	3600
(at break)	%		340	370	520
	Psia	TD	3400	3500	3900
	%		660	680	730
Tear	Grams	MD	30	60	100
	Grams	TD	460	490	690

**AVAILABILITY:** Bottom seal bags 20" - 110" wide, 20" - 275" deep  
Side seal bags 20" - 275" wide, 10" - 110" deep  
Tubing 20" - 120" wide  
Single wound sheeting 10" - 120" wide  
Center fold sheeting 10" - 120" wide  
Thickness range 1.25 to 7.0 mils  
Color natural

**General  
Films, Inc.**

INNOVATIONS IN PACKAGING

645 SOUTH HIGH STREET  
COVINGTON, OHIO 45318

P: 937.473.2051

F: 937.473.2403

W: WWW.GENERALFILMS.COM

The information contained herein is based upon data believed to be reliable and relates only to the matters specifically contained herein. Although such information is, to the best of our knowledge and belief, accurate and reliable as of the date hereof, no representation, warranty (express or implied, or merchantability, fitness or otherwise), or guarantee is made as to the suitability, accuracy, reliability or completeness of the information. It is the user's responsibility to satisfy itself as to the suitability, accuracy, reliability and completeness of such information for its particular use. There is no warranty against patent infringement and General Films not be liable for any loss, damage, or injury that may occur from the use of this information. No statement herein shall be construed as an endorsement of any product or process.