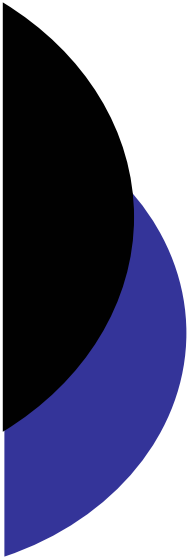


MDO Shrink Label Film



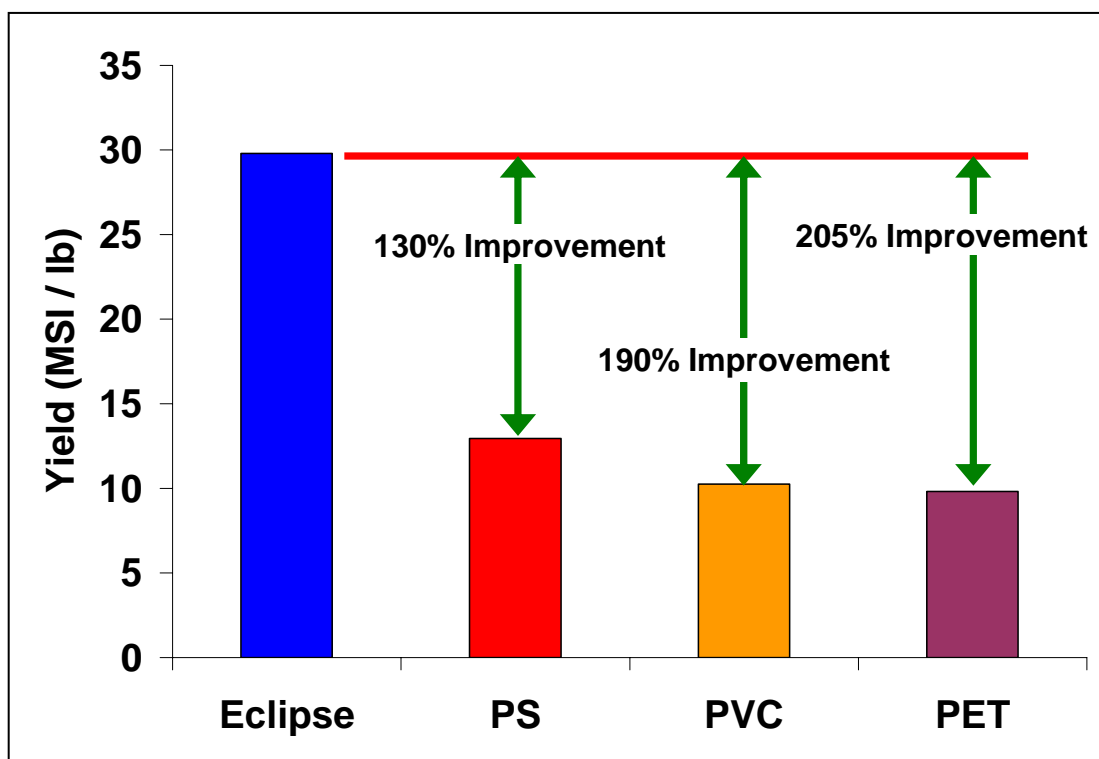
4434 Muhlhauser Road
Suite 200
Hamilton, Ohio 45011
877.275.4800 toll free
513.942.2900 office
513.942.1444 fax
www.eclipsefilmtech.com



Shrink labels for complex shaped bottles are a fast growing market.

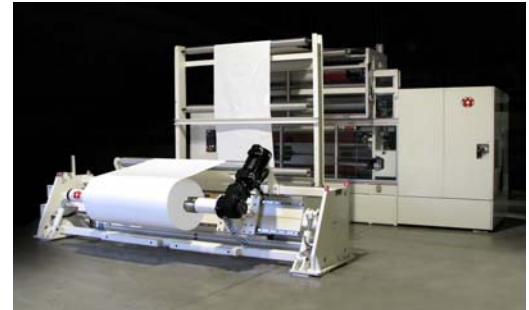
The demanding requirements for this application have limited the preferred films to PVC, PET and PS, which have their own inherent processing issues hindering the recycling of PE bottles.

Eclipse's PE film meets the requirements for improved yield and processing with easier recycling for full label coverage applications.



Utilizing an Eclipse MDO Shrink Label:

- Applications
 - Roll-On Shrink-On (ROSO)
 - Shrink sleeve
- High unidirectional shrink
 - Good cross direction stability
- Heat Sealable
- Good dimensional stability
 - No refrigerated trucking
 - No crushed cores
- Easy processing and printing
 - No elongation in the machine direction



MDO Shrink Label Advantages:

- Excellent conformity around complex shapes
- Improved recyclability
- Elimination of less environmentally friendly polymers
- Improves sustainability and source reduction
- Improved yield (MSI/lb)

Technical Data	Eclipse MDO Shrink Label	Standard PVC Shrink Film
Gauge (mils)	1.0	2.0
Yield (MSI/lb)	30	10.6
MD/TD Yield Strength (psi)	18,000 / 3,800	4,800 / 4,500
MD Shrink (250 °F)	60 %	50 %
Seal Temperature (°F)	260	280
Haze	10	3.5