



®

# ZHONGDA

## Polyolefin Shrink Film

### ZDF08

ZDF08 is a thin gauge, multi-layer, high clarity, crosslinked shrink film. This film has the versatility to shrink wrap a wide range of products, including retail and tamper evident applications. ZDF08 is suitable with nearly all shrink wrap systems in use today.

*Leading with technology...*

*Leading with value...*

# Zhongda ZDF08

## Multi-Layer, Crosslinked, Shrink Film

- ◇ Excellent gloss and clarity for point of purchase packaging
- ◇ Creates strong durable seals on a wide range of sealing systems
- ◇ High tensile strength and tear resistance for added toughness
- ◇ Excellent machinability on semi-automatic and automatic shrink wrapping equipment
- ◇ High percentage of shrink allows film to conform tightly to irregular shapes
- ◇ Corrosion free sealing with no fumes or sealing system build up
- ◇ Resistant to “burn through” caused by varying shrink tunnel temperatures
- ◇ Works well on a wide range of applications
- ◇ Complies with FDA and USDA regulations governing direct food contact packaging
- ◇ Manufacturing processes are ISO 9001 and ISO 22000 certified

TEST ITEM	UNIT	ASTM Test	TYPICAL VALUES		
Gauge			40		
<b>ROLL LENGTH</b>					
CF			6,560'		
SW			13,120		
<b>TENSILE STRENGTH</b>					
MD	PSI	D882	18,000		
TD			17,400		
<b>ELONGATION</b>					
MD	%	D882	120		
TD			120		
<b>TEAR STRENGTH</b>					
MD	gms/ply	D1922	8.5		
TD			7.5		
<b>COEFFICIENT OF FRICTION (Film to Film)</b>					
Dynamic		D1894	0.25		
Static			0.25		
<b>OPTICS</b>					
Haze	%	D1003	2.1		
Clarity		D1746	98.9		
Gloss @ 45Deg	%	D2457	89.5		
<b>BARRIER</b>					
Oxygen Transmission Rate	cc/m/24 hrs	D3985	12,600		
Water Vapor Transmission Rate	g/100sq"/24 hrs	F1249	2.6		
<b>SHRINKAGE PROPERTIES</b>			<b>MD</b>	<b>TD</b>	
Free Shrinkage	212 °F	%	D2732	19	28
	230 °F			37	45
	248 °F			64	65
	266 °F			81	79
Shrink Tension	212 °F	PSI	D2838	320	385
	230 °F			385	550
	248 °F			415	580
	266 °F			405	565

This information represents our judgment based on tests performed, but Zhongcheng Packaging USA, Inc. assumes no liability whatsoever in connection with the use of this information or suggestions contained herein. They are given and accepted at the user's risk. We urge purchasers to conduct independent tests to determine final suitability for their specific application.