

Exlfilm®QSL is a fast-sealing, ultra-fast shrinking production film. It has an exceptionally high percentage of shrinkage that ensures the film conforms to the package and provides “wrinkle-free” aesthetics. It maximizes production speeds even under the most demanding applications such as calendars and vinyl products.

Exlfilm®QSL properties are non-corrosive.

Exlfilm® QSL
Quick Shrink Film

KEY PERFORMANCE FEATURES

- Quick Shrink Initiation
- Low Shrink Force
- High Percentage of Shrink



PERFORMANCE FEATURES EQUAL CUSTOMER VALUE

- **Quick Shrink Initiation**, fast-sealing and ultra-fast shrinking performance maximizes production speeds even under the most demanding environments.
- **Low Shrink Force** protects your product without crushing or distorting.
- **Exceptionally High Percentage of Shrinkage** ensures that the film conforms to the package and provides “wrinkle-free” aesthetics.
- Specially formulated for **Optimal Static Sealing**.
- **Maximum Hot & Cold "Slip"** ensures easy package insertion and removal from the master carton.
- High speed applications demand **QSL's High Speed Performance**.
- **Reduces Downtime** and keeps your line running.
- Unlike PVC, **QSL is Non-corrosive**, assuring no carbon build-up on sealers.
- **Exceptional Tensile Strength and Tear Resistance** gives added durability and toughness to ensure your product is better protected.
- **Complies with Standards** for direct contact with food.



CHARACTERISTICS	TEST METHOD	REPRESENTATIVE VALUES					
Gauge		45	60	75			
Roll Length - Center Fold		5,830	4,375	3,500			
Roll Length - Single Wound		11,660	8,750	7,000			
Low Temperature Usage (°F)		-40°	-40°	-40°			
Shrink Temperature (°F)		240-340°	240-340°	240-340°			
Max. Storage Temp. (°F) 2 yrs. max.		90°	90°	90°			
Haze (%)	D1003	3.5	3.8	4.1			
Gloss at 20°F	D2457	110	110	110			
Coefficient of Friction (film to film), kinetic	D1894	0.15	0.15	0.15			
Oxygen Transmission Rate (cc / 100 in ² / 24 hrs.)	D3985	575	431	344			
Water Vapor Transmission Rate (g / 100 in ² / 24 hrs.)	F1249	2.524	2.150	2.024			
		MD	TD	MD	TD	MD	TD
Tensile Strength (PSI)	D882-80	16,000	16,000	16,000	16,000	16,000	16,000
Elongation at Break (%)	D882-80	110	130	110	130	110	130
Stiffness Modulus (PSI)	D882-80	50,000	50,000	50,000	50,000	50,000	50,000
Unrestrained Shrink (%) @ 250°F	D2732	55	55	55	55	55	55
Tear Propagation (g/ply)	D1922	8	8	10	10	12	15

Note: These values are typical and not intended as limiting specifications.

CORPORATE PROFILE

Intertape Polymer Group® Inc. (IPG) is an acknowledged leader in the packaging industry. Leveraging its advanced manufacturing technologies, extensive research and development capabilities and a comprehensive strategic acquisition program, the company believes it has assembled the broadest and deepest range of products in the industry.

IPG is widely recognized for its development and manufacture of specialized polyolefin, plastic and paper-based packaging products, as well as complementary packaging systems for industrial and retail use. Additionally, IPG is a woven and flexible intermediate bulk container (FIBC) manufacturer. Its performance products, including tapes and cloths, are designed for demanding aerospace, automotive and industrial applications and are sold to a broad range of industrial/specialty distributors, retail stores and large end-users in diverse industries.

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