

A WINNING COMBINATION
QS+HSL=QSL
"Quizzle™"



Exlfilm[®] QSL

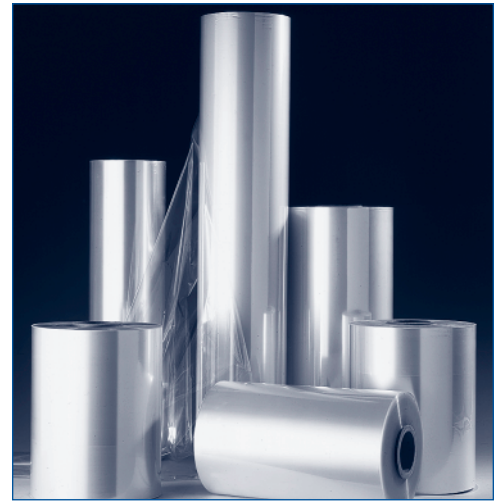
Quick Shrink Film

Performance Features

- Quick Shrink Initiation
- Maximum "Slip" Performance
- Highest Percentage of Shrink
- High Speed Performance
- Low Shrink Force
- Reduces Downtime
- Non-Corrosive, Unlike PVC
- Exceptional Tensile Strength & Tear Resistance
- Complies with FDA Standards

Customer Values

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



Intertape introduces the latest addition to its extensive line of Shrink Film products...

Exlfilm[™] QSL, Quick Shrink Film

Intertape's new high slip, quick shrink film combines the best qualities of our Exlfilm[™] QS and HSL brands into one versatile film. Exlfilm[™] QSL, "Quizzle[™]", will outperform the competition in demanding applications. Combining QS and HSL into one product will reduce your stocking requirements from two formulations to one.

IPG offers a unique line of cross-linked, polyolefin shrink films, available in a wide choice of gauges, widths and film designs, such as print-treated and perforated, to ensure you have the best film for the application.

These include:

- **High Speed Film-HSP**
- **Exlfilmplus[™] LTF Light Force Film**
- **Light Gauge Film-LTG**
- **Exlfilmplus[™] Performance Film**
- **Exlfilmplus[™] AF Anti-Fog Performance Film**

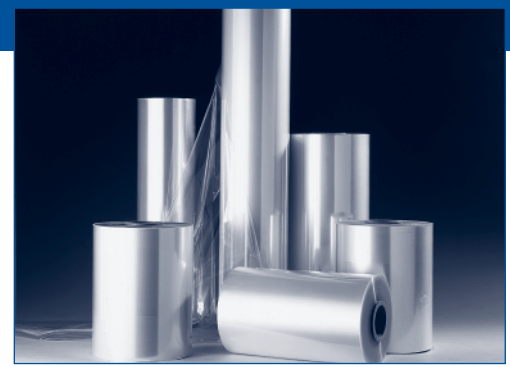


intertape polymer group[™]



Exfilm[®] QSL

Quick Shrink Film



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	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	0.388		0.291		0.266	
Yield in Square Inches per Pound		65,300		49,000		40,500	
		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 (%) @250F	D2732	55	55	55	55	55	55
Tear Propagation (g/ply)	D1922	8	8	10	10	12	15

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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, assembling 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.

Established in 1981 and headquartered in Montreal, Quebec and Sarasota/Bradenton, Florida, Intertape employs approximately 2,600 employees with operations in 19 locations, including 15 manufacturing facilities in North America and one in Europe. Intertape Polymer Group Inc. is a publicly traded company with its common shares listed on the New York Stock Exchange and The Toronto Stock Exchange under the stock symbol "ITP".

Team IPG... Working For You!

IPG's distribution network and company sales offices are conveniently located throughout North America. You'll find that our dedicated local distributors are ready to supply you with Intertape products and services, assisted by IPG's highly trained sales and service representatives, who offer quick response with the technical expertise you need. These IPG associates, and our distributors, combine to make up an unmatched team that provides you with the best service possible, and right in your own back yard.



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