

# ISOLOSS™ LS POLYURETHANE FOAMS

## Go-To Material List

**Grow your business quickly with shorter lead times and smaller Minimum Order Quantities (MOQ).**

The ISOLOSS™ LS Polyurethane Foams go-to material list includes a variety of thicknesses and densities to meet most application requirements. Make these materials the first, go-to options in the product selection process.

ISOLOSS™ LS Foams are low compression set, high density urethane foams for gasketing, sealing and damping applications. Its ability to absorb mechanical energy make it an ideal foam for vibration-sensitive electronic devices to earth-shaking heavy equipment.

- Durable
- Low compression set
- Broad temperature range
- Consistent compression force deflection
- Available in a range of density, stiffness and thickness
- Bulk-roll format for efficient converting



**We want to help you meet your goal to deliver on a faster schedule, especially when it comes to customer launch times. So, we found ways to be more efficient.**

**STOCK**

New stocking program that can reduce lead times by **80%+**. Check bCom for the new lead times.\*

**1 ROLL  
MOQ**

We want to help you win smaller accounts too. So we also cut down the **MOQ to just 1 roll!**

**FAST  
SAMPLES**

Helping set you up for success with **fast and reliable sampling** to prototyping to full-scale production.

\*Products may occasionally be out-of-stock due to demand fluctuation. Standard Make-To-Order (MTO) lead times apply for large order quantities.

# ISOLOSS™ LS Polyurethane Foams — Primary Applications

## Gasketing

- Listed as Gasket & Seal Material UL File #MH17135
- 3M adhesive compatible
- Low compression set

## Cushioning and Support

- Soft and supportive
- Multiple stiffnesses available
- Resilient

## Energy Control

- Impact absorption
- Vibration damping
- Conformable to product design

## LS Part Number Designation

Example: **LS-1025LM**

## LS — Material Family

10 — Density (lb/ft<sup>3</sup> or lcf)

## 25 — Thickness (hundreds of an inch)

LM/HM — Low/High Modulus

If no modulus rating is listed, the material is considered a standard modulus/stiffness for that density.

Thickness (in.)	Density (lb/ft <sup>3</sup> )			
	10	15	20	25
0.03			LS-2003	LS-2503
0.06	LS-1006LM	LS-1506	LS-2006	LS-2506
0.09	LS-1009LM	LS-1509	LS-2009	LS-2509
0.12	LS-1012LM	LS-1512	LS-2012	LS-2512
0.19	LS-1019LM	LS-1519	LS-2019	LS-2519
0.25	LS-1025LM	LS-1525	LS-2025	LS-2525
0.37	LS-1037LM	LS-1537		
0.50	LS-1050LM	LS-1550		

Part Number	3M ID	Density / Durometer	Dimensions (W x L)	Ft <sup>2</sup> per UOM	Material Thickness	MOQ	UOM
LS-1006LM	7100219940	10 lb/ft <sup>3</sup>	4.5' x 300'	1350	0.06" (1/16)	1	Roll
LS-1009LM	7100229570		4.5' x 225'	1012.5	0.09" (3/32)		
LS-1012LM	7100219945		4.5' x 160'	720	0.12" (1/8)		
LS-1019LM	7100229562		4.5' x 100'	450	0.19" (3/16)		
†LS-1025LM	7100219943		4.5' x 80'	360	0.25" (1/4)		
LS-1037LM	7100229656		4.5' x 60'	270	0.37" (3/8)		
LS-1050LM	7100219944		4.5' x 60'	270	0.50" (1/2)		
LS-1506	7100219938	15 lb/ft <sup>3</sup>	4.5' x 300'	1350	0.06" (1/16)	1	Roll
LS-1509	7100229561		4.5' x 225'	1012.5	0.09" (3/32)		
†LS-1512	7100219937		4.5' x 160'	720	0.12" (1/8)		
†LS-1519	7100229556		4.5' x 100'	450	0.19" (3/16)		
†LS-1525	7100219935		4.5' x 80'	360	0.25" (1/4)		
†LS-1537	7100229560		4.5' x 60'	270	0.37" (3/8)		
LS-1550	7100219936		4.5' x 60'	270	0.50" (1/2)		
LS-2003	7100219934	20 lb/ft <sup>3</sup>	4.5' x 300'	1350	0.03" (1/32)	1	Roll
†LS-2006	7100219861		4.5' x 300'	1350	0.06" (1/16)		
†LS-2009	7100229559		4.5' x 225'	1012.5	0.09" (3/32)		
†LS-2012	7100219860		4.5' x 160'	720	0.12" (1/8)		
LS-2019	7100229558		4.5' x 100'	450	0.19" (3/16)		
LS-2025	7100219859		4.5' x 80'	360	0.25" (1/4)		
†LS-2503	7100219857	25 lb/ft <sup>3</sup>	4.5' x 300'	1350	0.03" (1/32)	1	Roll
†LS-2506	7100219858		4.5' x 300'	1350	0.06" (1/16)		
LS-2509	7100229557		4.5' x 225'	1012.5	0.09" (3/32)		
LS-2512	7100219856		4.5' x 160'	720	0.12" (1/8)		
LS-2519	7100229555		4.5' x 100'	450	0.19" (3/16)		
LS-2525	7100219855		4.5' x 80'	360	0.25" (1/4)		

\*Refer to UL 94 HBF file number # QMF22, E90847 for ISOLOSS™ LS Foam LS-1025LM, LS-1512, LS-1519, LS-1525, LS-1537, LS-2006, LS-2009, LS-2012, LS-2503, and LS-2506.

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