



# Isoloss LS – energy control foam

## Noise, vibration and shock control

Isoloss LS has an extremely low compression set, it also features an excellent resistance to collapse and exhibits good shock cushioning and vibration isolation performance. It has low outgassing and good dimensional stability, with tight thickness tolerances. Easily and cleanly die-cut, Isoloss LS can be fabricated with various facings and combinations of pressure sensitive adhesives (PSA's) which simplify installation and reduce product assembly costs. Material advantages:

- Meets UL50, 157, 5080 and 514B standards as gaskets and seals
- Low compression set
- High energy absorption
- Effective vibration isolation
- Low outgassing
- High internal strength
- Good chemical and flame resistance
- Broad temperature use
- Available in a range of thicknesses and densities

### Benefits:

- Solution for difficult mechanical energy control - Isoloss LS materials are fine-celled, low compression set, high density polyurethane foams which offer unique combinations of design features
- Ideal for lightweight vibration isolation applications - performance advantages include low stiffness, high strength and controlled compression characteristics
- Good durability, resilience and high energy absorption - ideal for cushioning and shock applications
- Flexible - available in different grades and dimensions depending on your application requirements. Easy to install

### Applications:

Isoloss LS is used in many diverse applications, but they make excellent:

- Gaskets
- Seals

Family	Product	Thick (in)	Size (in)	Unit (unless indicated)	Weight (lb/sq ft)
ISOLOSS LS FOAMS	LS-2503	0.032	54 X 300 ft	ROLL	0.06
	LS-2006	0.062	54 X 300 ft	ROLL	0.1
	LS-2012	0.125	54 X 160 ft	ROLL	0.2
	LS-1512	0.125	54 X 160 ft	ROLL	0.16
	LS-1519	0.187	54 X 100 ft	ROLL	0.23
	LS-1525	0.25	54 X 80 ft	ROLL	0.31
	LS-1537	0.375	54 X 60 ft	ROLL	0.47
	LS-1025LM	0.25	54 X 80 ft	ROLL	0.21
	ISOLOSS LS SAMPLE ROLLS	LS-2503	0.032	54 X 10 ft	ROLL
LS-2006		0.062	54 X 10 ft	ROLL	0.1
LS-2012		0.125	54 X 10 ft	ROLL	0.2
LS-1512		0.125	54 X 10 ft	ROLL	0.16
LS-1519		0.187	54 X 5 ft	ROLL	0.23
LS-1525		0.25	54 X 5 ft	ROLL	0.31
LS-1537		0.375	54 X 5 ft	ROLL	0.47
LS-1025LM		0.25	54 X 5 ft	ROLL	0.21

## Contact Us

Trelleborg Applied Technologies delivers innovative and reliable solutions that maximize business performance to meet your needs. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.

Tel: +44 (0) 1777 712500

Email: [appliedtechnologies@trelleborg.com](mailto:appliedtechnologies@trelleborg.com)



[WWW.TRELLEBORG.COM/APPLIED-TECHNOLOGIES](http://WWW.TRELLEBORG.COM/APPLIED-TECHNOLOGIES)

