

Noise, vibration and shock control

Isodamp and Isoloss - damping and isolating material

Isodamp materials are specifically designed to prevent ringing in lightweight precision equipment frames or to reduce hydrodynamic vibrations in massive ship hulls.

Our damping and isolation materials offer:

- Minimum weight with maximum performance
- Excellent flame resistance - specific styles to meet UL 94, V-0, FAR, ATS and QPL MIL specifications
- Pressure sensitive adhesive backing, in sheet or die cut form
- Wide range of choices for discrete thickness and temperature regimes
- Extensional, composite and constrained layer systems
- Flexible and easy install
- Die, web or kiss cut
- Custom sizes and composites available

Benefits:

- Designed to rapidly dissipate shock energy and reduce vibrations - Isodamp vinyl and Isoloss urethane foams offer practical, effective solutions for impact noise and structure borne vibration
- Ideal for demanding environments we can achieve high-performance vibration control under diverse physical, temperature and environmental conditions
- Available in a variety of forms:- sheets, rolls, die-cut and custom molded parts.
- Installation convenience of a single product - flexible and easy to cut and install
- Different grades - available in different grades and dimensions depending on your application requirements

Applications:

Isodamp materials are specifically designed for:

- Prevent ringing in lightweight precision equipment frames
- Reduce hydrodynamic vibrations in massive ship hulls

Family	Product	Thick (in)	Size (in) (unless indicated)	Unit	Weight (lb/sq ft)
Isodamp SD	SD-40	0.04	54 X 48	SHEET	0.35
	SD-40PSA	0.045	54 X 48	SHEET	0.37
	SD-40ALPSA	0.05	27 X 48	SHEET	0.44
	SD-125PSA	0.125	54 X 48	SHEET	1.11
Isodamp C-2003	C-2003-05	0.05	54 X 48	SHEET	0.04
	C-2003-05PSA	0.005	54 X 48	SHEET	0.08
	C-2003-12PSA	0.125	54 X 48	SHEET	0.13
	C-2003-19	0.188	54 X 48	SHEET	0.17
	C-2003-19PSA	0.188	54 X 48	SHEET	0.33
Isodamp C-2206	C-2206-03PSA	0.035	54 X 48	SHEET	0.32
Isodamp C-2206 composites	C-2206PSA-25	0.29	54 X 48	SHEET	0.37
	C-2206PSA-25TF	0.29	54 X 48	SHEET	0.37
	C-2206PSA-50	0.54	54 X 48	SHEET	0.41
	C-2206PSA-50TF	0.54	54 X 48	SHEET	0.41
TAD damping foil	D001-05PSA	0.007	27 X 48	SHEET	0.07
Isodamp C-3001	C-3001-25	0.25	54 X 120 ft	ROLL	0.23
	C-3001-25PSA	0.25	54 X 120 ft	ROLL	0.23
	C-3001-50	0.5	54 X 60 ft	ROLL	0.46
	C-3001-50PSA	0.5	54 X 60 ft	ROLL	0.46
Isodamp C-3002	C-3002-12	0.125	54 X 240 ft	ROLL	0.07
	C-3002-12PSA	0.125	54 X 240 ft	ROLL	0.09
	C-3002-25	0.25	54 X 120 ft	ROLL	0.14
	C-3002-25PSA	0.25	54 X 120 ft	ROLL	0.16
	C-3002-50	0.5	54 X 60 ft	ROLL	0.28
	C-3002-50PSA	0.5	54 X 60 ft	ROLL	0.3
Isodamp C-3201	C-3201-25	0.25	54 X 120 ft	ROLL	0.14
	C-3201-25PSA	0.25	54 X 120 ft	ROLL	0.16
	C-3201-50	0.5	54 X 60 ft	ROLL	0.27
	C-3201-50PSA	0.5	54 X 60 ft	ROLL	0.29
Isodamp C-3202	C-3202-25	0.25	54 X 120 ft	ROLL	0.14
	C-3202-25PSA	0.25	54 X 120 ft	ROLL	0.16
	C-3202-50	0.5	54 X 60 ft	ROLL	0.27
	C-3202-50PSA	0.5	54 X 60 ft	ROLL	0.29
Aircraft damping composites	ADC-005	0.04	54 X 48	SHEET	0.37
	ADC-006	0.05	27 X 48	SHEET	0.44
	ADC-122	0.31	54 X 48	SHEET	0.6
	ADC-124	0.255	27 X 48	SHEET	0.22
	ADC-125	0.3	54 X 48	SHEET	0.51
	ADC-126	0.3	27 X 48	SHEET	0.59
	ADC-152	0.56	54 X 48	SHEET	0.67
	ADC-156	0.55	27 X 48	SHEET	0.72
	ADC-224	0.258	27 X 48	SHEET	0.22
	ADC-226	0.3	27 X 48	SHEET	0.59
	ADC-252	0.56	54 X 48	SHEET	0.59
	ADC-324	0.255	27 X 48	SHEET	0.25
	ADC-326	0.3	54 X 48	SHEET	0.59
	ADC-352	0.56	54 X 48	SHEET	0.67
Isodamp damped decoupled barriers	E-2D 25-5-0	0.29	54 X 48	SHEET	0.64
	E-2D 50-5-0	0.54	27 X 48	SHEET	0.77
	E-2D 25-10-0	0.33	52 X 60 ft	ROLL	1.14
	E-2D 50-10-0	0.58	52 X 60 ft	ROLL	1.27

Family	Product	Thick (in)	Size (in) (unless indicated)	Unit	Weight (lb/sq ft)
Isodamp C-1002	C-1002-01	0.015	54 X 10 ft	ROLL	0.1
	C-1002-01	0.015	54 X 120 ft	ROLL	0.1
	C-1002-03	0.03	54 X 10 ft	ROLL	0.2
	C-1002-03	0.03	54 X 120 ft	ROLL	0.2
	C-1002-06	0.062	54 X 10 ft	ROLL	0.4
	C-1002-06	0.062	54 X 120 ft	ROLL	0.4
	C-1002-12	0.125	54 X 10 ft	ROLL	0.8
	C-1002-12	0.125	54 X 60 ft	ROLL	0.8
	C-1002-25	0.25	54 X 48 ft	SHEET	1.6
	C-1002-25	0.25	54 X 10 ft	ROLL	1.6
	C-1002-50	0.5	12 X 48 ft	SHEET	3.2
	C-1002-99	1	24 X 24 ft	SHEET	6.4
ISO DAMP C-1100	C-1100-06	0.062	54 X 10 ft	ROLL	0.4
	C-1100-06	0.062	54 X 120 ft	ROLL	0.4
	C-1100-12	0.125	54 X 10 ft	ROLL	0.8
	C-1100-12	0.125	54 X 60 ft	ROLL	0.8
Isoloss HD	HD-03	0.03	20 X 20 ft	SHEET	0.2
	HD-06	0.062	20 X 20 ft	SHEET	0.4
	HD-12	0.125	20 X 20 ft	SHEET	0.81
	HD-25	0.25	20 X 20 ft	SHEET	1.62
Isoloss SL	SL-20100	0.062	20 X 20 ft	SHEET	0.97
	SL-20100	0.125	20 X 20 ft	SHEET	1.95
	SL-25200	0.062	20 X 20 ft	SHEET	1.13
	SL-25200	0.125	20 X 20 ft	SHEET	2.28
Isoloss NV	NV-3520S	0.04	54 X 48 ft	SHEET	0.36
	NV-3534S	0.04	54 X 48 ft	SHEET	0.36
	NV-7520S	0.08	54 X 48 ft	SHEET	0.78
Isoloss NV composites	NV-3520-100SM	1.04	54 X 48 ft	SHEET	0.49
	NV-7520-100SM	1.08	54 X 48 ft	SHEET	0.91

Contact us

Trelleborg Applied Technologies delivers innovative and reliable solutions, materials and smart systems that maximizes performance for our customers. Our dedicated and highly skilled staff are always on hand to provide seamless process support from initial idea, through to delivery and beyond.



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