

ARCH SERIES

Natural frequency	12-20 Hz	
Transmissibility at resonance	6 Max. (Low Temperature)	
	10 Max. (Neoprene)	
Axial/Radial frequency ratio	1.5:1 approx.	
Resilient element	Low Temperature or Neoprene	
Metal parts	Steel	
Operating temperature	-67 to +180 deg.F (Low Temp.)	
Weight	4 lbs	
Low Temp.	Neoprene	Axial Load
ARCH-L5A	ARCH-N1A	45 lbs Max.
ARCH-L6A	ARCH-N2A	70 lbs Max.
ARCH-L7A	ARCH-N3A	100 lbs Max.
ARCH-L8A	ARCH-N4A	145 lbs Max.



Characteristics

- 1 Large deflection capability under shock
- 1 Attenuates an 18 inch drop to approximately 12 g's at maximum load rating.
- 1 Attenuates MIL-S-901C, medium weight shock machine impact to approximately 15 g's
- 1 Axial-to-radial stiffness ratio is approx. 2 :1
- 1 Can be used as stabilizers

Environment

- 1 Low Temperature material operates from -67°F to +180°F (-55° to +85°C) and is resistant to fungus and ozone
- 1 Neoprene version has operating temperature range of -20°F to +180°F (-30° to +85°C) and resists oil and ozone

Installation

- 1 No special tools required for installation
- 1 Requires the use of a suitable restraining device to be fail-safe (if required)

Applications

- 1 Ground vehicle electronics
- 1 Shipboard equipment and ruggedized racks
- 1 Shipping containers, pallets and skids
- 1 Equipment installed in transportable shelters

How to order

- 1 See table



