

**Product Code . ILS-WMP-11732**

## Super Springy



### Description

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In a transverse wave, the particle displacement is perpendicular to the direction of wave propagation.

This extra-long version of the familiar and always popular spring toy provides an excellent demonstration for modeling longitudinal and transverse waves.

The particles do not move along with the wave; they simply oscillate up and down about their individual equilibrium positions as the wave passes by.

In physics, sound is a vibration that typically propagates as an audible wave of pressure, through a transmission medium such as a gas, liquid or solid.

The Super Springy can also be used to demonstrate compression waves and teach the relationship between wavelength and frequency.

### Specifications

Length 160mm (6.25in)

Diameter 75mm




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Stretches to 10 meters

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