

STAINLESS STEEL EXPANSION SPRINGS

PRODUCT DESCRIPTION

Ideal Products' Stainless Steel T304 Flat Expansion Springs conform to ASTM A580-23 Standard Specification for Stainless Steel Wire. The standard alloy for stainless steel expansion springs is T304. Expansion Springs are available in both 2" and 4" configurations and can accommodate banding widths up to ¾".

PRODUCT APPLICATION

Ideal Products' Stainless Steel flat expansion springs are used in conjunction with stainless-steel banding products to provide for gradual expansion and contraction of the jacket system due to environmental and system temperature fluctuation. The expansion springs can stretch 25-30% and can be used with pipe, duct and tank jacketing and other custom installations.



ASTM C-1767 ASTM C-1729	Standard Specification for Stainless Steel Jacketing for Insulation Standard Specification for Aluminum Jacketing for Insulation
DIMENSIONS (2") DIMENSIONS (4")	3.0 mm Diam x 50 mm Long x 28 mm Wide x 11 mm High 3.0 mm Diam x 100 mm Long x 28 mm Wide x 11 mm High
ELONGATION	Stainless Steel T304; T316
GAUGES	16 ga (.0615" to .0625") & 18 ga (.475" to .050")
ELONGATION (%)	25-30%
ALLOYS	Stainless Steel T304
ASTM A580	Standard Specification for Stainless Steel Wire
MELTING POINTS	Stainless Steel T-304: 1400 °C (2552 °F) to 1450 °C (2642 °F)
ASTM E84 FLAME SPREAD/SMOKE DEVELOPMENT	25/50 or Less

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