Parker Hannifin Corporation
Engineered Polymer Systems Division
2220 South 3600 West
Salt Lake City, Utah 84119 USA
Tel: 1 (800) 233-3900
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Design Action Request Form
POLYMER SPRINGS

Please fill out the required information. Save and attach to e-mail. If you need help filling out this form, please call Applications Engineering at (800) 233-3900.

Contact Information

COMPANY:			
ADDRESS:			
CITY, STATE, ZIP:			COUNTRY:
CONTACT:	TITLE:	PHONE:	
		E-MAIL:	
ALT. CONTACT:	TITLE:	PHONE:	
		E-MAIL:	
NAME OF PERSON SUBMITTING DATA:		E-MAIL:	

Reason(s) for Seeking Replacement of Metal Spring with Polymer Spring

☐Decrease corrosion	☐Decrease fatigue failure
☐Improve safety	☐Design for in-field service replacement
☐Reduce weight	☐Decrease spring length
☐Reduce overall design envelope	☐Other. Describe:

Design Requirements

Annual Volume and Price Point	Describe			
Design Envelope (Inside/Outside/Length)	(in)			
Force Requirement (Preload, Typical, Max)	(lbs)			
Deflection	(in)			
Describe Type of Loading				
Is data available for Force/Load/Frequency response?	☐Yes ☐No			
Temperature	(°F)	Max	Typical	Min
Environmental Exposure Requirements	Describe			
Governing Specifications or Regulations	Describe			

Other Comments

NOTE: Polymer Springs have a higher force with lower deflection as compared to a typical metal coil spring and will likely NOT be a drop-in replacement for existing spring application. Call Parker EPS Application Engineering at (800) 233 3900 to review your application parameters.