

# STAMPED FORM

## Assistance Request Form

Company: \_\_\_\_\_  
 Contact: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 PO Number: \_\_\_\_\_

Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_

Size	I.D.		O.D.		Overall Length				Length Tolerance
	inch	mm	inch	mm	ft	inch	mm	meter	

Temperature	Material Conveyed Temperature		Environmental Temperature	
	Min.	Max.	Min.	Max.
	°F °C	°F °C	°F °C	°F °C

Application	
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Material Media	Material Conveyed		
	Internal Media		External Environment

Pressure	Maximum Working Pressure		Spikes	Vacuum
	PSI kPA	BAR MPA	°PSI °kPA	Inch/ Hg Inch/ kPA

Comments	
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## Hose Selection (**STAMPED**)

Parflex Metal hose is available in various constructions to meet the needs of the diverse applications for which it is intended. To ensure proper product selection, the Parker Hannifin Safety Guide for selecting and using hose, tubing, fittings, and related accessories (Parker Publication No. 4400-B1) along with the STAMPED criteria should be considered.

### **S**IZE

Select an appropriate hose Inside Diameter for the system considering flow requirements and applicable pressure drop. The length of the hose required to properly complete the connection also needs to be determined. When determining the proper hose length, reference the tables on Length Calculations for hose installation and Pressure Rating versus Bend Radius.

### **T**EMPERATURE

Working Pressures listed are the maximum working pressure of the hose at 70°F. Should system Temperature exceed 70°F, the applicable derating factor should be applied. Consult the Working Pressure Derating Factor for Elevated Temperatures chart located in the General Technical Section of this catalog.

### **A**PPPLICATION

Abrasion, climate, heat, flexing, crushing, kinking, and degree of bending are all factors that can impact hose performance and need to be considered during hose selection. To aid in the selection process, Do's & Don'ts of hose routing, Length Calculations for hose installation, and Pressure Rating versus Bend Radius by Hose I.D, information in this catalog should be considered.

### **M**EDIA

Identify the media for the application. The various grades of Stainless Steel utilized in the construction of Parflex Metal Hose can react differently to varied media. Consult the Corrosion Resistance chart when making Hose & Fitting Alloy decisions.

### **P**RESSURE

The Working Pressure of the hose selected must meet or exceed the maximum pressure, including any pressure spikes, of the system. Be sure to apply all applicable derating factors (pulsations, spikes, temperature) to determine actual working pressure for the product selected.

- Pulsation - Multiply by .50
- Pressure spikes - Multiply by .17
- Temperature - See working pressure derating factor for elevated temperature chart

*\*The working pressure of all Parflex Metal Hose assemblies is equal to the pressure rating of the lowest pressure rated component.*