STAMPED FORM

Assistance Request Form

Fax completed form to 888.293.2667

Company: _____ Phone: _____

Contact: _____ Fax: _____

Address: _____ Email: _____

PO#: _____ Terms: _____

Size	I.D.	O.D.	Overall Length	Tolerance
	in/mm	in/mm	ft/in/mm	

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

Application	

Material Media	Material Conveyed			
	Internal Media		External Environment	

Pressure	Max. Working Pressure	Spikes	Vacuum
	PSI/kPa	PSI/kPa	Inches of Hg/kPa

Ends	End	Style Material	Size	Capped	Threads/Bolt Hole Alignment	Orientation	Attachment Methods
	1			Yes/No			
	2			Yes/No			

Delivery		
	Quantity Required:	Date Required:
	Package Type:	
	Pick Up Date:	Ship Via:
	Testing Required: Yes/No	Type:
	Certification Required: Yes/No	Type:

Parker Hannifin Corporation
Parflex Division
Ft. Worth, TX 817.625.5081

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.

SIZE
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.

TEMPERATURE
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.

APPLICATION
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.

MEDIA
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.

PRESSURE
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**

END FITTINGS
Identify the end fitting appropriate for the application and the system.

DYNAMICS
Identify the velocity of the media being utilized in the system. High media velocity, those exceeding limits as specified by the Velocity in Metal Hose table, can result in premature hose failure due to resonant vibration. High velocity of abrasive materials can also lead to premature hose failure.

All charts and tables referenced above can be found in the General Technical section of this catalog.

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

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