

STAMPED FORM

Assistance Request Form

Fax completed form to 888.293.2667



Company: _____
 Contact: _____
 Address: _____
 PO#: _____

Phone: _____
 Fax: _____
 Email: _____
 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	
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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:	
	Package Type:	
	Pick Up Date:	
	Testing Required:	Yes/No
	Certification Required:	Yes/No

Date Required:	
Ship Via:	
Type:	
Type:	



Metal 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.*