

PROCHEM

Your Source for Local Supply and Support

INSTRUMENTATION STAINLESS BRAIDED HOSE



PIPING PRODUCTS



INSTRUMENTATION



VALVES AND ACTUATORS



MANUFACTURING



INDENT SERVICE

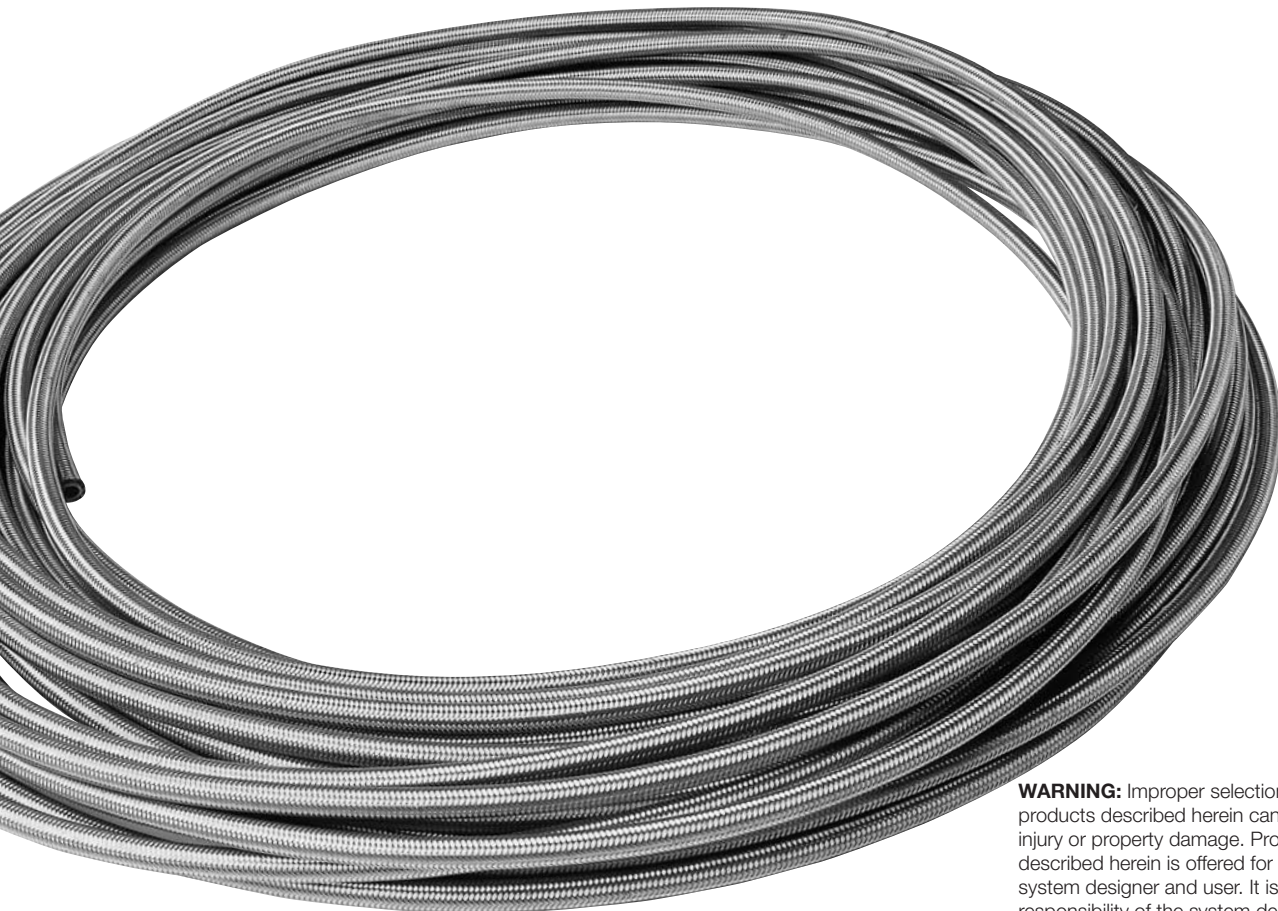


HYDRAULIC



A **REN** COMPANY

Stainless Steel



WARNING: Improper selection or use of products described herein can cause personal injury or property damage. Product information described herein is offered for use by the system designer and user. It is solely the responsibility of the system designer and user to select products suitable for their specific application requirements and to ensure proper installation, operation, and maintenance of these products. Material compatibility, product ratings, and application details should be considered in the selection.

Prochem offers 316 Stainless Steel Braided Hose with 316 Stainless Steel Hose Ends featuring Carbon-Impregnated Teflon®.

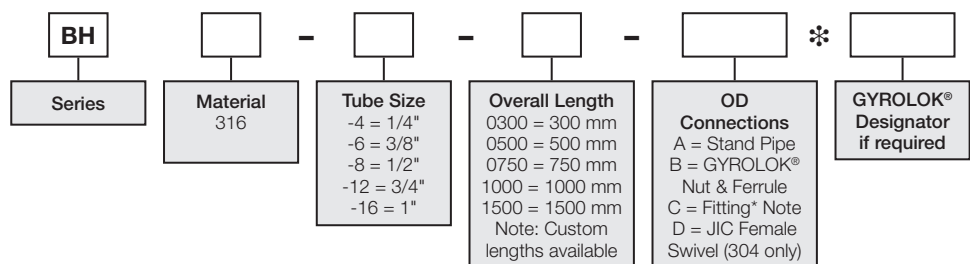
TECHNICAL DATA										
Dash Size	Tube OD (Stand Pipe)		Minimum Bend Radius	Hose I.D.	Operation Pressure		Room Temp Burst		Braid Material	End Connect Material
	mm	inch			bar	psi	bar	psi		
-4	6.35	1/4"	38.1	4.8	206	3000	827	12000	316	316
-6	9.53	3/8"	88.9	7.9	172	2500	689	10000	316	316
-8	12.7	1/2"	114.3	10.4	103	1500	414	6000	316	316
-12	19.1	3/4"	152.4	15.7	86	1250	345	5000	316	316
-16	25.4	1"	228.6	22.4	62	900	248	3600	316	316

***Note:** Add standard GYROLOK® fitting designator to complete your selection if required, please refer to the GYROLOK® catalogue for complete fitting selection. If sizes other than the tube size are required on the outer end of the GYROLOK® fitting, full GYROLOK® fitting part number is required.

Examples:

- BH 316-4-0500-CC*CM-LM = 6.35 mm (1/4") Hose 500 mm long c/w GYROLOK® Connector Male x GYROLOK® Male Elbow
- BH 316-6-0300-AC*CF= 9.53 mm (3/8") Hose 300 mm long c/w Stand Pipe x GYROLOK® Connector Female.

HOSE CODING



Braided Hoses

TEFLON® LINED

Prochem Smooth Bore Hose of Teflon® is specified in many of the most difficult applications in industry. The extruded tube has excellent flex life, high temperature resistance and chemical resistance.

Additionally, since teflon is steam compatible and non-adhesive, Prochem hose is an excellent choice in applications requiring steam cleaning of an assembly used in the transfer of a highly viscous media, such as adhesives, paints or food products.

The 316 stainless steel wire reinforcement/outer cover provides the strength necessary to carry the working pressure and has the durability to withstand harsh environments.

High temperature hydraulic and pneumatic systems, like those found in steel mills, foundries, transit buses and air compressors, are ideal locations to offer Prochem hose as a problem solver.

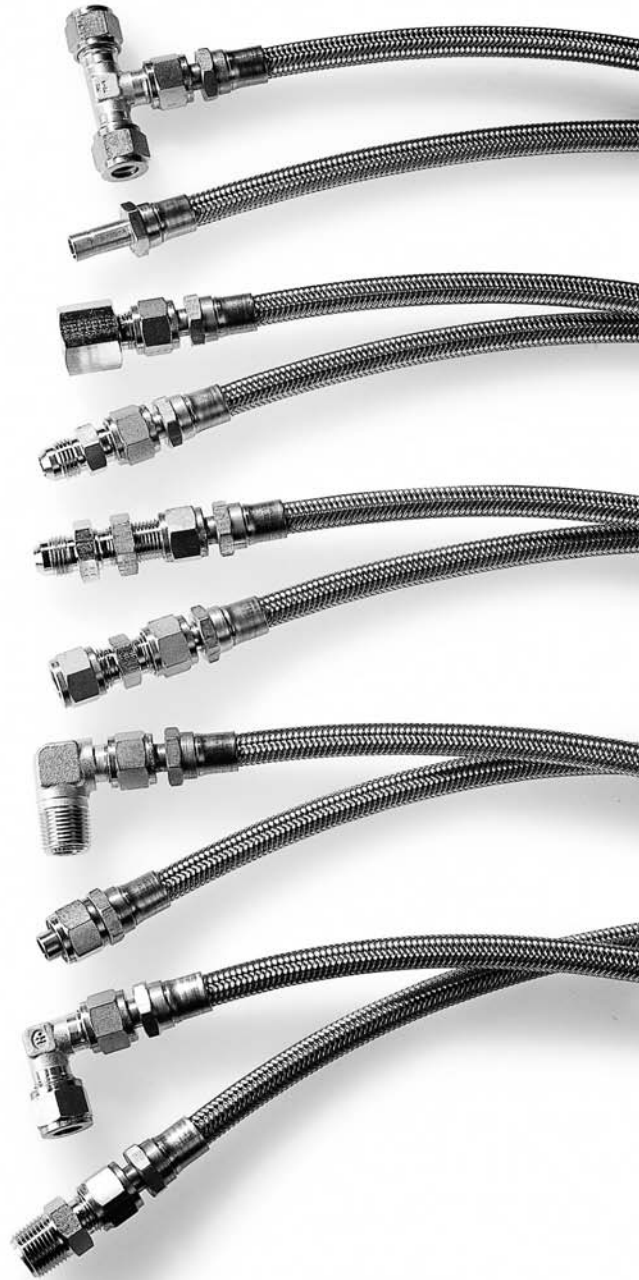
Additionally, the hose used has an internal conductive static dissipating liner that provides a path to the hose end fittings for applications where flow induced electrostatic charges can occur.

A selection of optional end connections that are available. Please refer to the GYROLOK® catalogue for complete fitting selection.

MATERIALS

Braid	316 Stainless Steel	ALL SIZES
End Connections	316 Stainless Steel	ALL SIZES
Inner Core	Smooth bore virgin Teflon® carbon impregnated	
Temperature Range	-54 to 230°C (-65 to 450°F) Steam service: 13.8 bar (200 psi), 148°C (300°F)	
Specification	SAE 100 R 14	





Braided Hoses with nut/ferrule ends or compression fitting ends can be pressure tested in-house. Pressure Test Certificates available on request.





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