

High pressure hoses

For gas transfer

A RANGE OF PRODUCTS DESIGNED TO GUARANTEE OPERATOR SAFETY



PTFE HOSES

Internal smooth-walled hose in PTFE

Double outer plait in AISI 304 stainless steel

The high pressure hoses have an inner tube in PTFE or stainless steel, with an outer double-plaited braid in AISI 304 stainless steel. Specific couplings ensure correct connections, and the flexible sleeves are fitted with a steel safety cable to secure it to the filling ramp.

Each flexible sleeve undergoes specific cleaning and inspection procedures and a specific code including the manufacturing time (month and year) etched on the end nut for individual identification. Certificates are available upon request for the application required.

PTFE hoses models FH800T6 and FH700T6 with HD360 (dissipator) were approved in June 2002 by AIR LIQUIDE Technological Centre of Le Blanc Mesnil, for:

- > use with inert gases at an operating pressure of 250 bar (FH800T6)
- > use with oxygen at an operating pressure of 250 bar (FH700T6)

MODEL	LENGTHS*	RATED DIAMETER	CONNECTIONS**	RATED PRESSURE	CODE
FH650T6	650mm	6 mm	1/4" BSP F sv 60°	300 bar	GGFN225
FH700T6	700mm				GGFN250
FH800T6	800mm				GGFN300
FH900T6	900mm				GGFN305
FH1000T6	1000mm				GGFN310
FH1500T6	1500mm				GGFN320
FH2000T6	2000mm				GGFN351
FH2500T6	2500mm				GGFN325
FH1500T10	1500mm	10 mm	W 21,7x1,814 F sv 60°	250 bar	GGFN345
FH2000T10	2000mm				GGFN350
FH2500T10	2500mm				GGFN360
FH3000T10	3000mm				GGFN380



STAINLESS STEEL HOSES

Internal tube AISI 321
Outer braid AISI 304

MODEL	LENGTHS*	RATED DIAMETER	CONNECTIONS**	RATED PRESSURE	CODE
FH700I6	700mm	6 mm	1/4" BSP F sv 60°	350 bar	GGFN396
FH800I6	800mm				GGFN400
FH1000I6	1000mm				GGFN410
FH1500I6	1500mm				GGFN445
FH2000I6	2000mm				GGFN460
FH2000I10	2000mm	10 mm	W 21,7 x 1,814 F sv 60°		GGFN450
FH2500I10	2500mm				GGFN455



HEAT DISSIPATOR

It allows to dissipate the heat produced by adiabatic compression generated when a cylinder is refilled.

Fitted between the filling hose and the cylinder filling connector (RSC), this device is particularly suitable for filling Oxygen cylinders when T6 series hoses are used.

MODEL	LENGTH*	CONNECTIONS**	MATERIAL	INNER O-RINGS	CODE
HD360	150mm	1/4" BSP M/F sv 60°	OT 58	VITON	GGFK710

* non-standard lengths are available upon request

** non-standard connections are available upon request

