

SEVO 1230 Flexible Discharge Hose

FH30898, FH30899, FH30900, FH30901

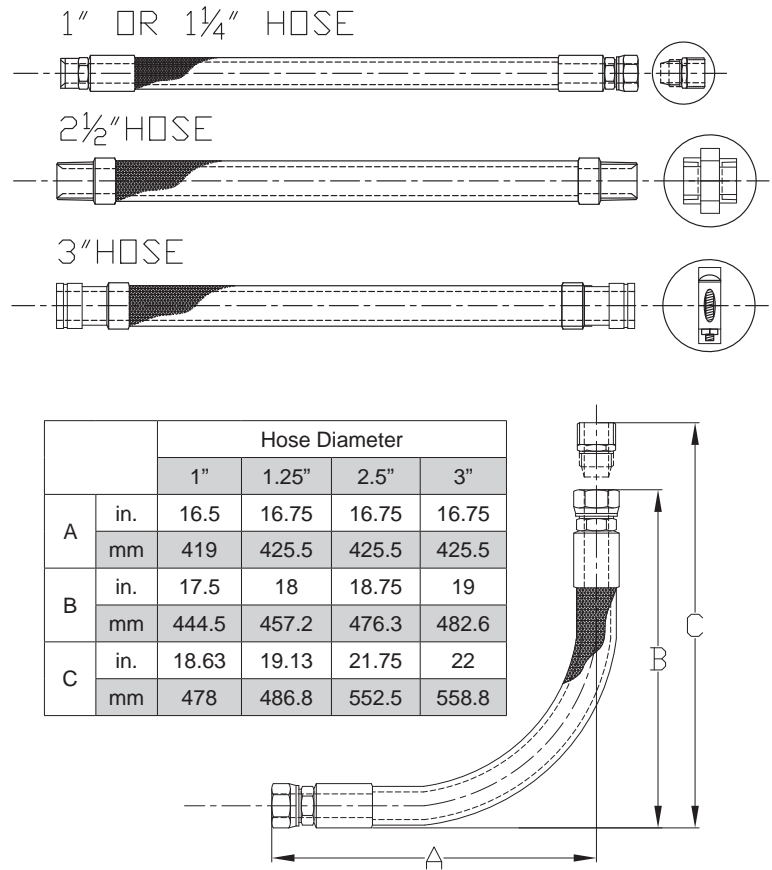
Utilizing 3M™ Novec™ 1230 Fire Protection Fluid

Description

Flex hoses are used to connect the agent storage containers to the manifold in multiple cylinder arrangements. Each 1" and 1.25" diameter hose is constructed of high pressure hydraulic rubber and with the 2.5" diameter, a stainless steel corrugated inner core with a stainless steel outer braid. All three sizes are fitted with male NPT threads on both ends.

The recommended assembly configuration is to install a flex hose to the cylinder valve discharge outlet, then install to the check valve, with the check valve connected to the appropriate fitting in the manifold. Note: the flex hose is to be installed forming a 90° bend and attaching to the check valve. No bends of the flex hose in excess of the figure shown to the right are to be used at the installation.

Cylinder Size		Hose Diameter	Hose Length	
LB	L	In.	In.	mm
40	15	1"	28"	711
76	29	1"	28"	711
164	62	1.25"	28"	711
322	122	2.5"	29"	736
601	227	2.5"	29"	736
910	368	3"	30"	762



		Hose Diameter			
		1"	1.25"	2.5"	3"
A	in.	16.5	16.75	16.75	16.75
	mm	419	425.5	425.5	425.5
B	in.	17.5	18	18.75	19
	mm	444.5	457.2	476.3	482.6
C	in.	18.63	19.13	21.75	22
	mm	478	486.8	552.5	558.8

Flexible Discharge Hose								
Size (in.)	Type	Material	Coupling	Connection to Manifold	Connection to Valve	Working Pressure	Bursting Pressure	Min / Max Temp
1"	100 R1 Wire H104 20 Hose	R1 21RE Neoprene, Steel Chromated Couplings	Female Swivel Coupling 1"	1" JIC Adapter / 1" NPT Male	Fixed Male Coupling 1" NPT	625 psi 43 bar	2500 psi 172.4 bar	-40 / -212° F -40 / 100° C
1 1/4"	100 R1 Wire H104 20 Hose	R1 21RE Neoprene, Steel Chromated Couplings	Female Swivel Coupling 1 1/4"	1 1/4" JIC Adapter / 1 1/4" NPT Male	Fixed Male Coupling 1 1/4" NPT	625 psi 43 bar	2500 psi 172.4 bar	-40 / 212° F -40 / 100° C
2 1/2"	Corrugated Stainless Steel Hose	Single Stainless Steel Band	Welded Male Couplings 2 1/2" NPT Both Sides	2 1/2" Male NPT	2 1/2" NPT Union	619 psi 42.7 bar	1857 psi 128 bar	-40 / 1000° F -40 / 437.8° C
3"	Corrugated Stainless Steel Hose	Single Stainless Steel Band	Welded Male Couplings 2 1/2" NPT Both Sides	3" Grooved Fitting	3" Grooved Fitting	820 psi 56.5 bar	2460 psi 169.6 bar	-40 / 1000° F -40 / 437.8° C



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