

HOSE ASSEMBLIES

HYDRAFLOW

PART SERIES	APPLICATION	EXAMPLE HOSE ASSEMBLY PART NO.	HOSE DASH SIZE AVAILABLE	PRESSURE RATING		TEMPERATURE RATING		FLEXIBILITY AVERAGE MINIMUM BEND RADIUS*	HOSE CONSTRUCTION				MEETS THE FOLLOWING INDUSTRY SPECS	CONDUCTIVE	FLAMMABILITY**
				PRESSURE OPER/PROOF/BURST (PSIG)	VACUUM OPER/PROOF	OPERATING TEMPERATURE	EXPOSURE		INNER TUBE (LINER)	INNER SUPPORT OR BRAID	OUTER BRAIDS	OPTIONAL OUTER COVER			
- FOR REFERENCE ONLY -															
HS32	Oxygen	32201	-04 thru -16	175/350/700 (all sizes)	18 in Hg/24 in Hg (all sizes)	-65° F to +185° F	-65° F to +185° F	1.2D	Polyurethane	Stainless Steel Anti-Kink Spring	Green Nomex Braid	N/A	N/A	N/A	CFR 25.853 (B-4)
HS36	Air Data, Pitot-Static	36811 thru 36817	-04 thru -10	125/250/500 (all sizes)	18 in Hg/24 in Hg (all sizes)	-40° F to +165° F	-65° F to +180° F	3.5D	Polyvinyl Chloride	Stainless Steel Anti-Kink Spring	Brown Nylon Braid	N/A	N/A	N/A	CFR 25.853 (B-5)
HS38	Oxygen	36911 thru 36917	-04 thru -10	125/250/500 (all sizes)	18 in Hg/24 in Hg (all sizes)	-40° F to +165° F	-65° F to +180° F	1.3D	Polyvinyl Chloride	Stainless Steel Anti-Kink Spring	Green Nomex Braid	N/A	N/A	N/A	CFR 25.853 (B-4)
HS45	Drain/Vent	45201 thru 45210	-04 thru -16	125/250/500 (all sizes)	18 in Hg/24 in Hg (all sizes)	-65° F to +350° F	-65° F to +350° F	4.5D	Silicone	Stainless Steel Wire Braid	Green Nomex Braid	N/A	N/A	N/A	CFR 25.853 (B-4 & B-5)
HS57	Oxygen, Coolant	57051 thru 57060	-04 thru -16	125/250/500	18 in Hg/24 in Hg (all sizes)	-65° F to +250° F	-65° F to +350° F	1.6D	Silicone	Stainless Steel Anti-Kink Spring	Green Nomex Braid	Chemical Resistant Coating (CBR), Silicone	Qualified to MIL-DTL-81581	N/A	CFR 25.853 (B-4 & B-5)
HS58	Oxygen, Coolant, Waste Water	58011 58021 58091	-06	125/250/500	24 in Hg/28 in Hg (all sizes)	-65° F to +250° F	-65° F to +250° F	1.7D	Silicone	Stainless Steel Anti-Kink Spring	Green Nomex Braid	CSM	Qualified to MIL-DTL-81581 (-06 size)	N/A	CFR 25.853 (B-4 & B-5)
			-32	60/120/240 Coolant Applications 125/250/375 Waste Water Applications				3.5D							
HS79	Air Data	79333	-04 thru -24	125/250/500 small sizes to 400 Oper.	18 in Hg/24 in Hg (all sizes)	-65° F to +250° F	-65° F to +350° F	2.3D	PFA Teflon	Stainless Steel Wire Braid	Green Nomex Braid	CSM, Fire Retardant Polyester	Qualified to AS4468	N/A	CFR 25.853 (B-4 & B-5)
	Potable Water	79001 thru 79010													
	Coolant	79131 thru 79140 79772													
	Heated	79427 79428 79429	-06 thru -16					3D				N/A	Qualified to SAE AS5420		
HS80	Coolant	80131 thru 80140	-04 thru -16	125/250/500 small sizes to 400 Oper.	18 in Hg/24 in Hg (all sizes)	-65° F to +250° F	-65° F to +350° F	2D	PFA (conductive) Teflon	Stainless Steel Wire Braid	Green Nomex Braid	CSM, Polyester	Meets performance requirement of SAE AS4468	YES	CFR 25.853 (B-4 & B-5)
HS89	Coolant	89001 thru 89010	-04 thru -16	200/400/800 small sizes to 400 Oper.	18 in Hg/24 in Hg (all sizes)	-65° F to +250° F	-65° F to +350° F	3.4D	PFA Teflon	Polyether-etherketone (PEEK) Braid	Green Nomex Braid	CSM, Polyester	Meets performance requirement of SAE AS4468 (except minimum bend radius)	NO	CFR 25.853 (B-4 & B-5)

NOTES:

* Minimum Bend Radius is the smallest radius the hose can be bent without damage; this radius has been averaged across all sizes. D = Internal Diameter of Hose.
 ** CFR 25.853 (B-4) Vertical burn test, CFR 25.853 (B-5) horizontal burn test, CFR 25.853 (formerly FAR 25.853).

Information within this document is for reference only.
 Contact Hydraflow for established technical data.

