

HOSE ASSEMBLIES

HYDRAFLOW

PART SERIES	APPLICATION	EXAMPLE HOSE ASSEMBLY PART NO.	HOSE DASH SIZE AVAILABLE	PRESSURE RATING		TEMPERATURE RATING		FLEXIBILITY	HOSE CONSTRUCTION					MEETS THE FOLLOWING SPECS	QUAL TEST REPORTS	CONDUCTIVE	FLAMM-ABILITY**	MILITARY/COMMERCIAL
				PRESSURE OPER/PROOF/BURST (PSIG)	VACUUM OPER/PROOF	OPERATING TEMPERATURE	EXPOSURE		INNER TUBE (LINER)	OUTER TUBE	INNER SUPPORT OR BRAID	OUTER BRAIDS	OPTIONAL OUTER COVER					
HS32	Oxygen	32201	-04, -05, -08 & -12	175/350/700 (all sizes)	18 in Hg/24 in Hg (all sizes)	-65° F to 185° F	-65° F to 185° F	1 to 1.3 D	Polyurethane	None	Stainless Steel Anti-Kink Spring	Green Nomex Braid	None	B/E Spec 3500M1E001201, Boeing Spec S417U406	TR2513	NO	CFR 25.853 (B-5)	Commercial
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 to 4 D	Polyvinyl Chloride	None	Stainless Steel Anti-Kink Spring	Brown Nomex Braid	None	Boeing Spec BAC H30BC (BPS-H-96)	TR2049	NO	CFR 25.853 (B-5)	Commercial
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	3 to 4 D	Polyvinyl Chloride	None	Stainless Steel Anti-Kink Spring	Green Nomex Braid	None	Boeing Spec 60B50059, Airbus Spec 3520M1C000401/3520M1C000402	TR2020 TR2021 TR2432 TR2512 TR2493	NO	CFR 25.853 (B-5)	Commercial
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	3.7 to 5 D	Silicone	None	Stainless Steel Wire Braid	Green Nomex Braid	CSM Sealed	Boeing LB BWD7016, General Dynamics C7585, Lockheed LS-56 Douglas 4934795	TR2426 TR2060 TR2059 TR2057	NO	CFR 25.853 (B-4 & B-5)	Military/Commercial
HS55	Coolant	55171	-04 thru -32	-08 thru -16 125/250/500 -24 & -32 35/75/125	18 in Hg/24 in Hg (all sizes)	-65° F to 250° F	-65° F to 350° F	1.8 to 3.3 D	Silicone	None	Stainless Steel Spring and Cres & PEEK Wire Braid	Green Nomex Braid	CSM	Douglas TRD11019	TR2262	NO	CFR 25.853 (B-4 & B-5)	Military/Commercial
	Waste Water	55155	-24 & -32															
	Heated	55159																
HS57	Breathing 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	1.3 to 2 D	Silicone	Silicone	Stainless Steel Anti-Kink Spring	Green Nomex Braid	Chemical Resistant Coating (CBR) Silicone	Qualified to MIL-H-81581, B/E Spec 3520M1C000402, Boeing Spec S417U406, Boeing Helic.901-325-623, Douglas 17B2N8010	TR2484 TR2338 TR2419 TR2390 TR2493	NO	CFR 25.853 (B-4 & B-5)	Military/Commercial
HS79	Air Data	79509	-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	2D except sizes -20 & -24	PFA Teflon	Silicone Green	Stainless Steel Wire Braid	Green Nomex Braid	CSM (Hypalon) Fire Retardant Polyester	Qualified to AS4468, Douglas 7D88, Shaw Aero Devices 325-0262-X-Y, Northrop DAF3298P112, Dassault DGT92705	TR2287 TR2307 TR2314 TR2345 TR2484 TR2486	NO	CFR 25.853 (B-4 & B-5)	Military/Commercial
	Potable Water	79001 thru 79010																
	Liquid Coolant	79661																
	Heated	79427	-06 thru -16	3D	None	Qualified to SAE AS5420	TR2446											
HS80	Liquid Electronic Coolant	80131 80631	-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	Silicone Green	Stainless Steel Wire Braid	Green Nomex Braid	CSM Polyester	Meets performance requirement of SAE AS4468, Airbus ABS2227	Sim to HS79 TR2643	YES	CFR 25.853 (B-4 & B-5)	Military
HS89	Liquid Coolant	89001 thru 89010	-04, -06, -08 & -12	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	2 to 5.3 D	PFA Teflon	Silicone Green	Polyetheret Herketone (PEEK) Braid	Tan Nomex Braid	CSM Polyester	Meets performance requirement of SAE AS4468	Sim to HS79 TR2599	NO	CFR 25.853 (B-4 & B-5)	Military/Commercial
HS96	Liquid Electronic Coolant, Fuel Vent	96056 96022	-03 thru -24	125/250/500 (all sizes)	18 in Hg/24 in Hg (all sizes)	-65° F to 275° F	-65° F to 275° F	2 to 3 D	Convuluted Teflon with Carbon	None	Nylon Braid	Polyester Braid	None	Quality assurance provisions of AS620 and AS1227	TR2226 TR2394	YES	CFR 25.853 (B-4 & B-5)	Military

NOTES: * Bend Radius is the ratio between the I.D. of the hose and the actual minimal bend radius of the hose.
 ** CFR 25.853 (B-4) Vertical burn test, CFR 25.853 (B-5) horizontal burn test, CFR 25.853 (formerly FAR 25.853).