



## ► High Performance Gas Hose

- KA Fluid Systems high performance gas hoses are specially processed to minimise permeation.
- A variety of braid and cover options are available.
- Suitable for applications such as charging lines for aerosols, gas bank/bottle charging, dehydration lines, breathing equipment.
- Assemblies and specialised liners, such as ETFE, PFA, FEP, are available. Please contact our Sales Team for further details.
- Gas quality hoses in sizes other than those shown below are available upon request, as are alternative braid packages (eg. one-wire braid).

### Gas Hose Aramid Yarn Braid 1 Wire Braid + Polyester Cover Range

USA Part Number	Part Number	Description	Tube Wall Thickness Nom.		Braid OD Nominal		Tolerance +/-		Braid ID Nominal		Tolerance +/-		Max. Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(psi)	(bar)	(psi)	(bar)	(mm)	(in)
TSGV6.6B23C42	TSGV6.6B23C42	1/4" GAS (1KB, 1WB, H)	1.02	0.040	12.60	0.496	0.50	0.020	6.60	0.260	0.30	0.012	6,000	414	24,000	1654	76	2.992
TSGV8.1B23C42	TSGV8.1B23C42	5/16" GAS (1KB, 1WB, H)	1.02	0.040	14.00	0.551	0.50	0.020	8.05	0.317	0.30	0.012	5,500	379	22,000	1516	102	4.016
TSGV10.3B23C42	TSGV10.3B23C42	13/32" GAS (1KB, 1WB, H)	1.02	0.040	17.15	0.675	0.50	0.020	10.30	0.406	0.30	0.012	4,500	310	18,000	1241	133	5.236

### Gas Hose 2 Wire Bunch Braid Range

USA Part Number	Part Number	Description	Tube Wall Thickness Nom.		Braid OD Nominal		Tolerance +/-		Braid ID Nominal		Tolerance +/-		Max. Working Pressure		Min. Burst Pressure		Min. Bend Radius	
			(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(psi)	(bar)	(psi)	(bar)	(mm)	(in)
TSGV6.6B04	TSGV6.6B04	1/4" GAS 2WB BUNCH	1.02	0.040	11.43	0.450	0.60	0.024	6.35	0.250	0.40	0.016	4,640	320	18,560	1280	76	2.992
TSGV10.3B04	TSGV10.3B04	13/32" GAS 2WB BUNCH	1.02	0.040	15.50	0.610	0.60	0.024	10.15	0.400	0.40	0.016	3,000	207	12,000	828	133	5.236

