



Hose specifications
1/4" GAS AFX 6304 MAX WP 6000 PSI

Liner

Carbon Anti Static lined PTFE according to "ISO 12086"

1st PLY braid: High performance poly aramid yarn

2nd PLY braid: AISI 304S15 hard drawn stainless steel wire

Cover

Black thermoplastic polyester elastomer (hardness shire 55D)

External jacket will be pin pricked at regular intervals along the longitudinal axis

Dimensions

Hose inner diameter (A) 6.60mm

Hose outer Diameter (B) 12.60mm

Performance specifications

Max working pressure – 41.4 MPa / 6,000 PSI

Proof (test pressure) – 51.7 Mpa / 7,500 PSI

Min burst pressure – 165.5 Mpa / 24,000 PSI

Electrical resistance of hose liner – less than 16.6 Mega Ohms at 1 KV DC

Max continuous external operating temperature +80 deg c (due to thermoplastic cover)

Minimum hose bend radius – 76mm

Gas Hose Aramid Yarn Braid 1 Wire Braid + Polyester Cover Range																
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)
1/4" GAS (1KB, 1WB, H)	1.02	0.040	12.60	0.496	0.50	0.020	6.80	0.260	0.30	0.012	6,000	414	24,000	1654	76	2.992
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
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

