

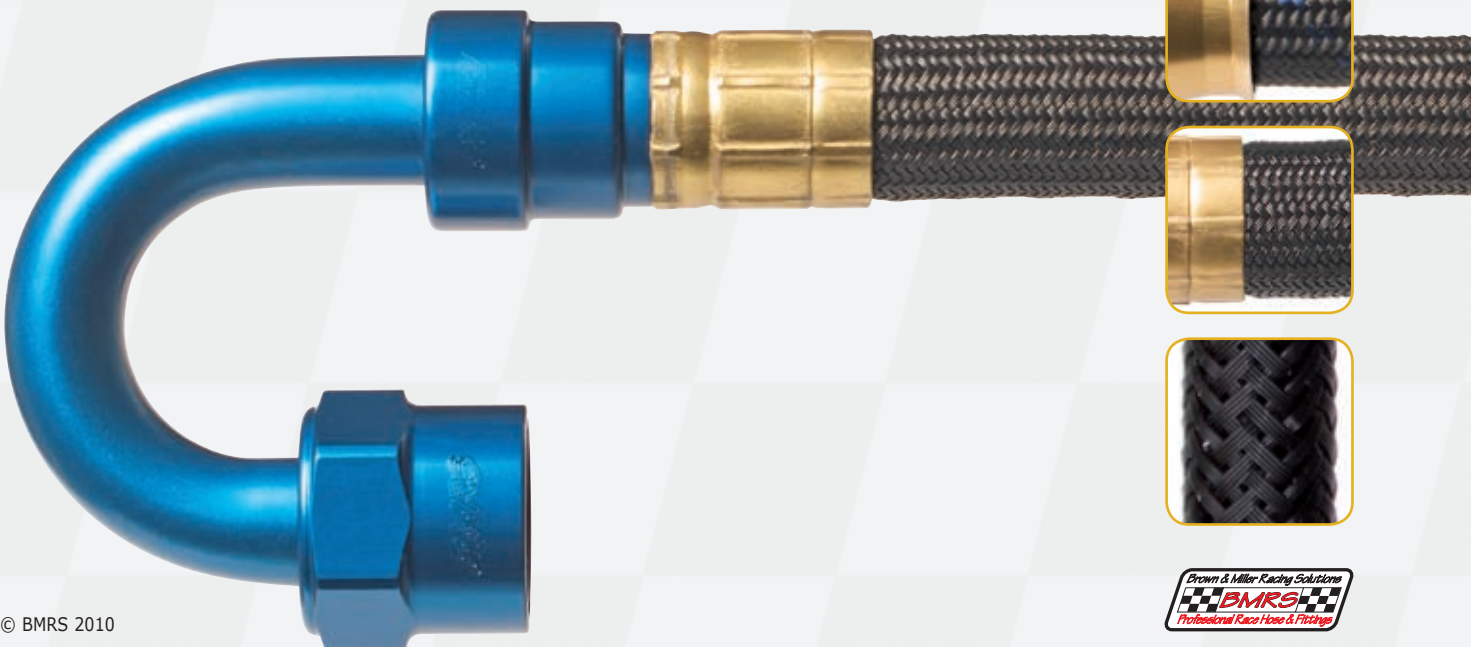
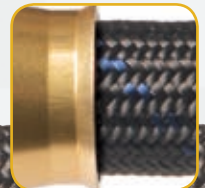
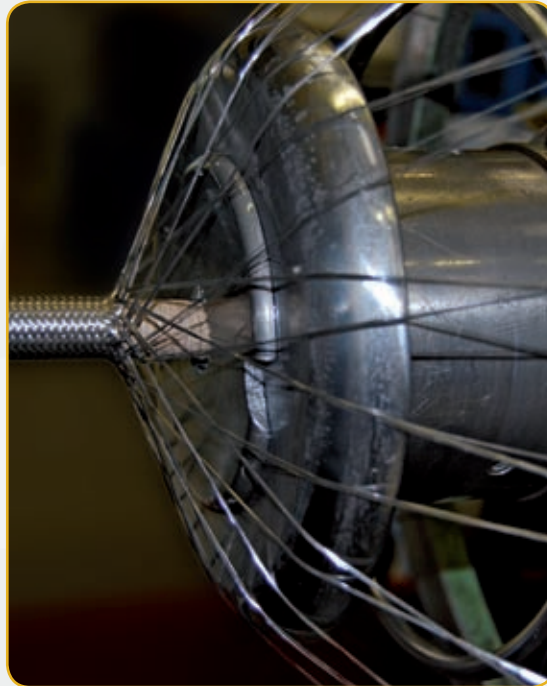


Convoluted PTFE Hose

In racing, weight matters and that's why we designed and engineered ProGold hose to weigh less while still maintaining the high performance required in race cars. Safe and reliable, the inner hose is made of PTFE – a material unequalled for its high and low temperature performance and its compatibility with ALL fluids used in racing.

Our unique convoluting method ensures maximum flexibility with unrivalled minimum bend radius figures with no variation in performance at high or low temperature and at high pressure or extreme vacuum. Convoluted hose also has the additional benefit of resisting collapse and flow restriction when pulled through tight bend radii.

All ProGold convoluted hose comes with a static dissipating liner as standard and is available in sizes -6 to -32 with a choice of either Stainless Steel, Polyester or High Temperature Polymer braid. Applications include fuel, oil, water and air systems.





Stainless Steel Braid



- Ultimate flexibility
- Very lightweight
- Compatible with virtually all fluids
- Static dissipating liner*
- Factory built assemblies are ALL pressure tested
- Suitable for aggressive and harsh environments

Applications:

Fuel, oil and water systems
 Engine oil scavenge
 Fuel - including internal fuel cell lines

End Fittings:

ProGold AC crimped fitting range
 ProGold AR reusable fitting range

Specification:

- Innercore: convoluted PTFE with integral glass fibre reinforcement and static dissipating liner *
- Braid: 304 series stainless steel
- Operating temperature: -54°C to +204°C (-67°F to +400°F) at full pressure and specified vacuum

Hose part no.	Hose size (nom.)	Int/dia. (nom.)		O/dia. (nom.)		Min. bend radius		Max. op. pressure		Max. vacuum rating inches/Hg	Weight Kg/m
		mm	ins	mm	ins	mm	ins	Bar	p.s.i.		
AR-06-S	3/8	9.14	0.36	13.71	0.54	25.4	1	34.50	500	28	0.16
AR-08-S	1/2	10.92	0.43	15.74	0.62	38.1	1 1/2	34.50	500	28	0.19
AR-10-S	5/8	13.71	0.54	19.05	0.75	50.8	2	34.50	500	28	0.27
AR-12-S	3/4	16.76	0.66	22.35	0.88	63.5	2 1/2	34.50	500	28	0.32
AR-16-S	1	22.10	0.87	27.43	1.08	88.9	3 1/2	34.50	500	28	0.39
AR-20-S	1 1/4	29.30	1.15	36.10	1.42	102.0	4	17.25	250	20	0.56
AR-24-S*	1 1/2	39.70	1.56	46.50	1.83	114.0	4 1/2	8.63	125	10	0.95
AR-28-S*	1 3/4	46.00	1.81	51.50	2.03	134.0	5 1/4	8.63	125	5	1.12
AR-32-S*	2	52.40	2.06	60.70	2.39	152.4	6	6.90	100	5	1.33

* size -24, -28 and -32 do not have a static dissipating liner

Polyester Braid



- Ultimate flexibility
- Very lightweight
- Compatible with virtually all fluids
- Static dissipating liner*
- Factory built assemblies are ALL pressure tested
- Suitable for aggressive and harsh environments

Applications:

Fuel, oil and water systems
 Breather and vent lines

End Fittings:

ProGold AC crimped fitting range
 ProGold AR reusable fitting range

Specification:

- Innercore: convoluted PTFE with integral glass fibre reinforcement and static dissipating liner *
- Braid: Polyester
- Operating temperature: -54°C to +125°C (-67°F to +257°F) at full pressure and specified vacuum

Hose part no.	Hose size (nom.)	Int/dia. (nom.)		O/dia. (nom.)		Min. bend radius		Max. op. pressure		Max. vacuum rating inches/Hg	Weight Kg/m
		mm	ins	mm	ins	mm	ins	Bar	p.s.i.		
AR-06-P	3/8	9.14	0.36	13.71	0.54	25.4	1	17.25	250	28	0.09
AR-08-P	1/2	10.92	0.43	15.74	0.62	38.1	1 1/2	17.25	250	28	0.12
AR-10-P	5/8	13.71	0.54	19.05	0.75	50.8	2	17.25	250	28	0.19
AR-12-P	3/4	16.76	0.66	22.35	0.88	63.5	2 1/2	17.25	250	20	0.20
AR-16-P	1	22.10	0.87	27.43	1.08	88.9	3 1/2	17.25	250	10	0.25
AR-20-P	1 1/4	29.30	1.15	36.10	1.42	102.0	4	10.30	150	10	0.37
AR-24-P*	1 1/2	39.70	1.56	46.50	1.83	114.0	4 1/2	8.63	125	-	0.52
AR-28-P*	1 3/4	46.00	1.81	51.50	2.03	134.0	5 1/4	8.63	125	-	0.58
AR-32-P*	2	52.40	2.06	60.70	2.39	152.4	6	6.90	100	-	0.69

* size -24, -28 and -32 do not have a static dissipating liner



High Temperature Polymer Braid



- Ultimate flexibility
- Ultimate lightweight
- Specified vacuum at full temperature
- Compatible with virtually all fluids
- Static dissipating liner
- Factory built assemblies are ALL pressure tested
- Suitable for aggressive and harsh environments

Applications:

Oil, water and fuel systems
 Fuel - including internal fuel cell lines
 Breather and vent lines

End Fittings:

ProGold AR reusable fitting range
 ProGold AC crimped fitting range

Specification:

- Innercore: convoluted PTFE with integral glass fibre reinforcement and static dissipating liner
- Braid: High temperature polymer mono filament
- Operating temperature: -54°C to +200°C (-67°F to +392°F)
 at full pressure and specified vacuum

Hose part no.	Hose size (nom.)	Int/dia. (nom.)		O/dia. (nom.)		Min. bend radius		Max. op. pressure		Max. vacuum rating inches/Hg	Weight Kg/m
		mm	ins	mm	ins	mm	ins	Bar	p.s.i.		
AR-06-HTP	3/8	9.14	0.36	13.71	0.54	25.4	1	17.25	250	28	0.086
AR-08-HTP	1/2	10.92	0.43	15.74	0.62	38.1	1 1/2	17.25	250	28	0.100
AR-10-HTP	5/8	13.71	0.54	19.05	0.75	50.8	2	17.25	250	28	0.148
AR-12-HTP	3/4	16.76	0.66	22.35	0.88	63.5	2 1/2	17.25	250	20	0.168
AR-16-HTP	1	22.10	0.87	27.43	1.08	88.9	3 1/2	17.25	250	10	0.230
AR-20-HTP	1 1/4	29.30	1.15	36.10	1.42	102.0	4	17.25	250	10	0.350



Clear Convoluted PTFE Hose



- Very flexible
- Lightweight
- Compatible with virtually all fluids
- Factory built assemblies are ALL pressure tested

Applications:

Low pressure systems
 Fuel systems – ideal for internal fuel cell applications
 Oil and water systems
 Breather and vent lines
 Reservoir and drain lines

End Fittings:

ProGold AC crimped fitting range

Specification:

- Innercore: clear convoluted PTFE
- Braid: none
- Operating temperature: -54°C to +200°C (-67°F to +392°F)

Hose part no.	Hose size (nom.)	Int/dia. (nom.)		O/dia. (nom.)		Min. bend radius		Max. op. pressure		Weight Kg/m
		mm	ins	mm	ins	mm	ins	Bar	p.s.i.	
CCH-06	3/8	9.65	0.38	14.22	0.56	19.0	0.75	2.0	30	0.08
CCH-08	1/2	13.20	0.52	18.30	0.72	19.0	0.75	2.0	30	0.12

Convoluted PTFE Hose with Halar Braid



- Ultra flexible
- Low force to bend
- Lightweight
- Compatible with virtually all fluids
- Factory built assemblies are ALL pressure tested

Applications:

Breather and vent lines
 Reservoir and drain lines

End Fittings:

SB-04 crimped fitting range

Specification:

- Innercore: convoluted PTFE
- Braid: Halar
- Operating temperature: -54°C to +200°C (-67°F to +392°F)

Hose part no.	Hose size (nom.)	Int/dia. (nom.)		O/dia. (nom.)		Min. bend radius		Weight Kg/m
		mm	ins	mm	ins	mm	ins	
SC071-26-0-06	1/4	4.3	0.17	9.5	0.37	16.0	0.63	0.034