

# AQP® Racing Hose and Fittings

## StartLite® Hose and Fittings

### AQP® Racing Hose

The most popular racing hose in the market for over 75 years – made in the U.S.A.



### Great Looks, Proven Performance.

**Stainless steel braid for superior performance.**

AQP Racing Hose is compatible with petroleum and synthetic lubricants, hydrocarbon fuels and liquid engine coolants. It operates at higher temperatures for longer periods. Light and flexible, it is easy to work with, and its stainless steel cover will ensure long-lasting durability. AQP Racing Hose also features an AQP elastomer inner tube that is resistant to oxidation, the effects of ozone and other various agents present in the air. Changes in physical properties due to shelf aging are nonexistent. Applications: Fuel, lube, coolant, air.

#### HOSE SPECIFICATIONS

Hose Dash Size	Hose I.D. in	Max. Hose O.D. in	Max. Operating Pressure psi	Weight Bend Radius in	Per Foot lbs	Vacuum Service in/hq	Bulk Part Number	Package Length Part Number							
								2 ft	3 ft	6 ft	10 ft	15 ft	20 ft	50 ft	REEL
-04	.22	.44	1000/750 <sup>1</sup>	2.00	.11	21	FBA0400	—	FCA0403	FCA0406	FCA0410	FCA0415	FCA0420	FCA0450	FBA0400RL
-06	.34	.55	1000/750 <sup>1</sup>	2.50	.16	21	FBA0600	—	FCA0603	FCA0606	FCA0610	FCA0615	FCA0620	FCA0650	FBA0600RL
-08	.44	.65	1000/750 <sup>1</sup>	3.50	.17	21	FBA0800	—	FCA0803	FCA0806	FCA0810	FCA0815	FCA0820	FCA0850	FBA0800RL
-10	.56	.80	1000/750 <sup>1</sup>	4.00	.21	28	FBA1000	—	FCA1003	FCA1006	FCA1010	FCA1015	FCA1020	FCA1050	FBA1000RL
-12	.69	.94	1000/750 <sup>1</sup>	4.50	.29	28	FBA1200	—	FCA1203	FCA1206	FCA1210	FCA1215	FCA1220	FCA1250	FBA1200RL
-16	.88	1.15	750/750 <sup>1</sup>	5.50	.38	28	FBA1600	—	FCA1603	FCA1606	FCA1610	FCA1615	FCA1620	FCA1650	FBA1600RL
-20	1.13	1.41	500	8.00	.49	21	FBA2000	—	FCA2003	FCA2006	FCA2010	FCA2015	FCA2020	—	—
-24	1.34	1.70	50	9.00	.80	21	FBA2400	FCA2402	FCA2403	FCA2406	—	—	—	—	—
-32	1.75	2.09	50	12.50	.98	15	FBA3200	FCA3202	FCA3203	FCA3206	—	—	—	—	—

**Construction:** AQP elastomer inner tube, partial stainless steel wire inner braid and a full stainless steel outer braid reinforcement

**Temperature Range:** Continuous operating temperature from -55 °F to +300 °F (-49 °C to +150 °C). See Page 31 for banjo fitting for fuel systems

### StartLite® Racing Hose

The lightweight alternative — 45% lighter than AQP® Racing Hose — made in the U.S.A.



### The Professional's Choice

#### Features:

- Up to 45% lighter than stainless steel braided hose
- Fire-resistant cover with aramid fiber
- AQP smooth bore inner tube
- -45 °F to 300 °F temperature rating
- Flexible bend radius
- Race proven — approved by NASCAR, NHRA, IHRA, ADRL, and other sanctioning bodies
- Three to five times better abrasion protection
- Non-swivel and swivel crimp fittings (no phase angles to calculate)
- Rated to 20 in/Hg or 28 in/Hg with stainless steel support coil

#### Applications:

- Fuel, lube, coolant, and air lines

#### HOSE SPECIFICATIONS

Hose Dash Size	Hose I.D. in	Hose O.D. in	Max. Operating Pressure psi	Min. Bend Radius in	Weight Per Foot lbs	Vacuum Service in/hq	Bulk Part Number	Package Length Part Number					
								3 ft	6 ft	10 ft	15 ft	20 ft	50 ft
-04	.22	.43	500	2.00	.05	20	FBU0400	FCU0403	FCU0406	FCU0410	FCU0415	FCU0420	FCU0450
-06	.34	.55	500	2.50	.08	20	FBU0600	FCU0603	FCU0606	FCU0610	FCU0615	FCU0620	FCU0650
-08	.44	.64	500	3.50	.09	20	FBU0800	FCU0803	FCU0806	FCU0810	FCU0815	FCU0820	FCU0850
-10	.56	.80	500	4.00	.14	20	FBU1000	FCU1003	FCU1006	FCU1010	FCU1015	FCU1020	FCU1050
-12	.69	.93	350	4.50	.16	20	FBU1200	FCU1203	FCU1206	FCU1210	FCU1215	FCU1220	FCU1250
-16	.88	1.15	350	5.50	.19	20	FBU1600	FCU1603	FCU1606	FCU1610	FCU1615	FCU1620	FCU1650
-20	1.13	1.41	350	5.50	.25	20	FBU2000	FCU2003	FCU2006	FCU2010	FCU2015	FCU2020	FCU2050

**Construction:** AQP elastomer inner tube and fire-resistant hose construction

**Temperature Range:** -45 °F to +300 °F (-43 °C to +150 °C)

For ultimate weight savings, select AQP lightweight crimp fittings

See pages 42-46 for assembly instructions. AQP® Racing and StartLite® Racing Hoses are both qualified with the same reusable and crimp fittings on the following pages.

#### Bulk or Retail Packaged Parts

**FB**-prefixed part numbers indicate bulk-packaged products. **FC**-prefixed part numbers indicate carded/clam shelled (retail-packaged) products. Most products in this catalog can be ordered in either package style by changing the prefix accordingly.

## StreetLite Performance Hose



### STREETLITE PERFORMANCE HOSE

Hose Size	Hose I.D.		Hose O.D.		Operating Pressure		Min. Burst Pressure		Min. Bend Radius		Vacuum (without support coil)		Weight		Part Numbers Bulk and Cut Lengths			
	MM	IN	MM	IN	BAR	PSI	BAR	PSI	MM	IN	KPA	IN/HG	KG/M	LBS/FT	BULK	CUT 6 FT	CUT 10 FT	CUT 20 FT
04	5.60	0.22	11.2	0.44	35	500	140	2000	38.10	1.50	94.80	28.00	0.07	0.05	FBB0400	FCB0406	FCB0410	FCB0420
06	8.60	0.34	14.2	0.56	35	500	140	2000	50.80	2.00	94.80	28.00	0.12	0.08	FBB0600	FCB0606	FCB0610	FCB0620
08	10.90	0.43	16.8	0.66	35	500	140	2000	63.50	2.50	94.80	28.00	0.13	0.09	FBB0800	FCB0806	FCB0810	FCB0820
10	13.90	0.55	20.6	0.81	35	500	140	2000	88.90	3.50	94.80	28.00	0.18	0.12	FBB1000	FCB1006	FCB1010	FCB1020
12	16.50	0.65	23.10	0.91	24	350	72	1050	101.60	4.00	67.70	20.00	0.25	0.17	FBB1200	FCB1206	FCB1210	FCB1220
16	21.60	0.85	25.70	1.01	24	350	72	1050	139.70	5.50	50.80	15.00	0.30	0.20	FBB1600	FCB1606	FCB1610	FCB1620

AQP Racing, StartLite, and StreetLite are both qualified with the same reusable and crimp fittings on the following pages.

See pages 42-46 for assembly instructions.

#### HOSE SIZES

-4 through -16

#### CONSTRUCTION

HNBR inner tube, insulation layer, nylon barrier layer, and black single fabric braid cover with identification tracer

#### APPLICATION

Fuel (including E85), oil, coolant, and air

### Top level performance, headed to the street

It is all the hose you need. Performance of a professional in a multi-purpose hose designed for the street motor enthusiast.






- Reformulated tube for E85 fuel compatibility
- Near-zero permeation barrier eliminates gas smell
- Competitive market pricing for less stress on the wallet

# AQP® Racing Hose and Fittings






## StartLite® Racing Hose and Fittings



### STRAIGHT FITTING

	Reusable Black Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable** Steel Swivel S.A.E. 37° (JIC/AN)	Aluminum Nickel-Plated Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Swivel S.A.E. 37° (JIC/AN)
					
Hose Size	Packaged Part Number	Packaged Part Number	Packaged Part Number	Bulk Part Number	Bulk Part Number
-04	—	—	FCM1011	—	FBM4211
-06	FCM4412	FCM1012	FCM1075	FCE1012	FBM4212
-08	FCM4413	FCM1013	FCM1076	FCE1013	FBM4213
-10	FCM4414	FCM1014	—	FCE1014	FBM4214
-12	FCM4415	FCM1015	—	FCE1015	FBM4215
-16	FCM4416	FCM1016	—	—	FBM4216
-20	—	FCM1017	—	—	FBM4217

### 30° ELBOW FITTING

	Reusable Black Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Non-Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Non-Swivel S.A.E. 37° (JIC/AN)
					
Hose Size	Packaged Part Number	Packaged Part Number	Packaged Part Number	Bulk Part Number	Bulk Part Number
-06	FCM4472	FCM4072	—	FBM4272	—
-08	FCM4473	FCM4073	—	FBM4273	—
-10	FCM4474	FCM4074	—	FBM4274	FBM4174
-12	FCM4475	FCM4075	—	FBM4275	FBM4175
-16	FCM4476	FCM4076	—	—	—
-20	—	—	FCM1147	—	—



## Tech Tip

### Do not put your performance at risk

Do not mix and match hose and fitting manufacturers with your hose assemblies. Each manufacturer of hose and fittings builds their product to specific tolerances and does not recommend them for use with other brands. Doing this puts your performance at risk and voids any warranty on your product.



See pages 42-46 for assembly instructions. \*\*Aluminum socket

# AQP® Racing Hose and Fittings

## StartLite® Racing Hose and Fittings



### 45° ELBOW FITTING

	Reusable Black Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Non-Swivel S.A.E. 37° (JIC/AN)	Reusable** Steel Non-Swivel S.A.E. 37° (JIC/AN)	Nickel-Plated Aluminum Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Non-Swivel S.A.E. 37° (JIC/AN)
Hose Size	Packaged Part Number	Packaged Part Number	Packaged Part Number	Packaged Part Number	Packaged Part Number	Bulk Part Number	Bulk Part Number
-04	—	—	—	FCM1021	—	—	FBM4121
-06	FCM4422	FCM4022	FCM1022	FCM1079	FCE4022	FBM4222	—
-08	FCM4423	FCM4023	FCM1023	FCM1080	FCE4023	FBM4223	—
-10	FCM4424	FCM4024	FCM1024	—	FCE4024	FBM4224	FBM4124
-12	FCM4425	FCM4025	FCM1025	—	FCE4025	FBM4225	FBM4125
-16	FCM4426	FCM4026	FCM1026	—	—	FBM4226	—
-20	—	—	FCM1027	—	—	—	FBM4127

### 60° ELBOW FITTING

	Reusable Black Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Non-Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Non-Swivel S.A.E. 37° (JIC/AN)
Hose Size	Packaged Part Number	Packaged Part Number	Packaged Part Number	Bulk Part Number	Bulk Part Number
-06	FCM4482	FCM4082	—	FBM4282	—
-08	FCM4483	FCM4083	—	FBM4283	—
-10	FCM4484	FCM4084	—	FBM4284	FBM4184
-12	FCM4485	FCM4085	—	FBM4285	FBM4185
-16	FCM4486	FCM4086	—	—	—
-20	—	—	FCM1148	—	—

## Tech Tip

### Weight savings

Up to 12 lbs can be saved by using StartLite hose assemblies in lieu of a stainless steel braided hose assemblies on the average circle track car.

See pages 42-46 for assembly instructions.  
\*\*Aluminum socket

### Direct Port Fitting 45° ORB FITTING

Reusable Aluminum Swivel O-ring



Hose Size	Bulk Part Number	Thread Size
-08	FBM1348	9/16-18
-08	FBM1349	3/4-16
-10	FBM1350	1 1/16-12
-10	FBM1351	7/8-14
-12	FBM1352	7/8-14
-12	FBM1353	1 1/16-12



### Bulk or Retail Packaged Parts

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# AQP® Racing Hose and Fittings

## StartLite® Racing Hose and Fittings



### 90° ELBOW FITTING

	Reusable Black Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Non-Swivel S.A.E. 37° (JIC/AN)	Reusable** Steel Swivel S.A.E. 37° (JIC/AN)	Aluminum Nickel-Plated Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Non-Swivel S.A.E. 37° (JIC/AN)
Hose Size	Packaged Part Number	Packaged Part Number	Packaged Part Number	Packaged Part Number	Packaged Part Number	Bulk Part Number	Bulk Part Number
-04	—	—	—	FCM1031	—	—	FBM4131
-06	FCM4432	FCM4032	FCM1032	FCM1083	FCE4032	FBM4232	—
-08	FCM4433	FCM4033	FCM1033	FCM1084	FCE4033	FBM4233	—
-10	FCM4434	FCM4034	FCM1034	—	FCE4034	FBM4234	FBM4134
-12	FCM4435	FCM4035	FCM1035	—	FCE4035	FBM4235	FBM4135
-16	FCM4436	FCM4036	FCM1036	—	—	FBM4236	—
-20	—	—	FCM1037	—	—	—	FBM4137

### 120° ELBOW FITTING

	Reusable Black Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Swivel S.A.E. 37° (JIC/AN)	Reusable Red/Blue Anodized Aluminum Non-Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Swivel S.A.E. 37° (JIC/AN)	Lightweight Crimp Non-Swivel S.A.E. 37° (JIC/AN)
Hose Size	Packaged Part Number	Packaged Part Number	Packaged Part Number	Bulk Part Number	Bulk Part Number
-04	—	—	—	—	FBM4141
-06	FCM4442	FCM4042	FCM1042	FBM4242	—
-08	FCM4443	FCM4043	FCM1043	FBM4243	—
-10	FCM4444	FCM4044	FCM1044	FBM4244	FBM4144
-12	FCM4445	FCM4045	FCM1045	FBM4245	FBM4145
-16	FCM4446	FCM4046	FCM1046	FBM4246	—
-20	—	—	FCM1047	—	—

### Direct Port Fitting 90° MALE PIPE FITTING

Reusable Aluminum Swivel Male Pipe



Hose Size	Packaged Part Number	Pipe Thread Size
-06	FCM1343	3/8 NPTF
-08	FCM1344	1/2 NPTF
-12	FCM1345	3/4 NPTF

### Direct Port Fitting 90° ORB FITTING

Reusable Aluminum Swivel O-ring



Hose Size	Bulk Part Number	Thread Size
-08	FBM1355	9/16-18
-08	FBM1356	3/4-16
-10	FBM1357	1 1/16-12
-10	FBM1358	7/8-14
-12	FBM1359	7/8-14
-12	FBM1360	1 1/16-12

See pages 42-46 for assembly instructions. \*\*Aluminum socket

# AQP® Racing Hose and Fittings

## StartLite® Racing Hose and Fittings



### 150° ELBOW FITTING

Reusable  
Black Anodized  
Aluminum Swivel  
S.A.E. 37° (JIC/AN)



Reusable  
Red/Blue Anodized  
Aluminum Swivel  
S.A.E. 37° (JIC/AN)



Reusable  
Red/Blue Anodized  
Aluminum Non-Swivel  
S.A.E. 37° (JIC/AN)



Lightweight  
Crimp Swivel  
S.A.E. 37° (JIC/AN))



Hose Size	Packaged Part Number	Packaged Part Number	Packaged Part Number	Bulk Part Number
-04	—	—	—	FBM4151 <sup>1</sup>
-06	FCM4452	FCM4052	FCM1052	FBM4252
-08	FCM4453	FCM4053	FCM1053	FBM4253
-10	FCM4454	FCM4054	FCM1054	FBM4254
-12	FCM4455	FCM4055	FCM1055	FBM4255
-16	FCM4456	FCM4056	FCM1056	FBM4256

### 180° ELBOW FITTING

Reusable  
Black Anodized  
Aluminum Swivel  
S.A.E. 37° (JIC/AN)



Reusable  
Red/Blue Anodized  
Aluminum Swivel  
S.A.E. 37° (JIC/AN)



Reusable  
Red/Blue Anodized  
Aluminum Non-Swivel  
S.A.E. 37° (JIC/AN)



Lightweight  
Crimp Swivel  
S.A.E. 37° (JIC/AN))



Hose Size	Packaged Part Number	Packaged Part Number	Packaged Part Number	Bulk Part Number
-06	FCM4462	FCM4062	FCM1062	—
-08	FCM4463	FCM4063	FCM1063	FBM4263
-10	FCM4464	FCM4064	FCM1064	FBM4264
-12	FCM4465	FCM4065	FCM1065	FBM4265
-16	FCM4466	FCM4066	FCM1028	FBM4266

## Tech Tip

### Routing made easy with swivel design

Many hose assemblies require angled fittings on both ends to make a connection. Our angled fittings all have a swivel option that eliminates the need to calculate phase angles when attaching the ends and makes installation easier.

See pages 42-46 for assembly instructions.



### Bulk or Retail Packaged Parts

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