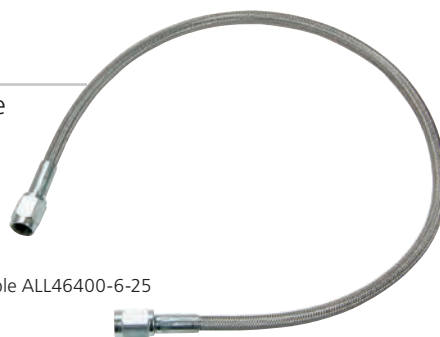




Braided Steel Lines

A wide selection of braided steel lines in various lengths. All lines come with one straight end and your choice of straight, 45° or 90° on the other end. The inner PTFE hose is compatible with all brake fluids. The braided stainless steel outer covering resists abrasion and corrosion. Ideal for use where bending and flexing occurs. More durable than rubber hose. Lengths stated are overall end-to-end, including fittings.

Note: Lines are also available in 5-pack and 25-pack quantities. Add a (-5) or (-25) to end of part number. Example ALL46400-6-25 for a 25-pack. Lengths stated are overall end-to-end, including fittings. Lines are NOT D.O.T. approved.



#3 Braided Steel Lines With -3 Ends

Length	Two -3 Straight	-3 Straight And -3 45°	-3 Straight And -3 90° Forged	-3 Straight And -3 90° Tube
6"	ALL46300-6	-	ALL46302-6	ALL46304-6
9"	ALL46300-9	-	ALL46302-9	ALL46304-9
10"	ALL46300-10	-	ALL46302-10	ALL46304-10
12"	ALL46300-12	-	ALL46302-12	ALL46304-12
14"	ALL46300-14	ALL46301-14	ALL46302-14	ALL46304-14
15"	ALL46300-15	ALL46301-15	ALL46302-15	ALL46304-15
16"	ALL46300-16	ALL46301-16	ALL46302-16	ALL46304-16
18"	ALL46300-18	ALL46301-18	ALL46302-18	ALL46304-18
20"	ALL46300-20	-	ALL46302-20	ALL46304-20
21"	ALL46300-21	-	ALL46302-21	ALL46304-21
22"	ALL46300-22	-	ALL46302-22	ALL46304-22
24"	ALL46300-24	ALL46301-24	ALL46302-24	ALL46304-24
26"	ALL46300-26	-	ALL46302-26	ALL46304-26
28"	ALL46300-28	-	ALL46302-28	ALL46304-28
30"	ALL46300-30	-	ALL46302-30	ALL46304-30
32"	ALL46300-32	-	ALL46302-32	ALL46304-32
34"	ALL46300-34	ALL46301-34	-	-
36"	ALL46300-36	-	ALL46302-36	ALL46304-36
40"	ALL46300-40	-	-	-
42"	ALL46300-42	-	ALL46302-42	ALL46304-42
43"	ALL46300-43	-	-	-
44"	ALL46300-44	-	-	-
47"	ALL46300-47	-	-	-
48"	ALL46300-48	-	ALL46302-48	ALL46304-48
50"	ALL46300-50	-	-	-
60"	ALL46300-60	-	ALL46302-60	ALL46304-60
108"	ALL46300-108	-	-	-
120"	ALL46300-120	-	-	-
180"	ALL46300-180	-	-	-



Straight End



45° End

#4 Braided Steel Lines With -4 Ends

Length	Two -4 Straight	-4 Straight And -4 45°	-4 straight And -4 90° Forged	-4 Straight And -4 90° Tube
6"	ALL46400-6	-	ALL46402-6	ALL46404-6
9"	ALL46400-9	-	ALL46402-9	ALL46404-9
10"	ALL46400-10	-	ALL46402-10	ALL46404-10
12"	ALL46400-12	-	ALL46402-12	ALL46404-12
14"	ALL46400-14	-	ALL46402-14	ALL46404-14
15"	ALL46400-15	ALL46401-15	ALL46402-15	ALL46404-15
16"	ALL46400-16	-	ALL46402-16	ALL46404-16
18"	ALL46400-18	ALL46401-18	ALL46402-18	ALL46404-18
20"	ALL46400-20	-	ALL46402-20	ALL46404-20
21"	ALL46400-21	-	ALL46402-21	ALL46404-21
22"	ALL46400-22	-	ALL46402-22	ALL46404-22
24"	ALL46400-24	ALL46401-24	ALL46402-24	ALL46404-24
26"	ALL46400-26	-	ALL46402-26	ALL46404-26
28"	ALL46400-28	-	ALL46402-28	ALL46404-28
30"	ALL46400-30	-	ALL46402-30	ALL46404-30
32"	ALL46400-32	-	ALL46402-32	ALL46404-32
36"	ALL46400-36	-	ALL46402-36	ALL46404-36
42"	ALL46400-42	-	ALL46402-42	ALL46404-42
48"	ALL46400-48	-	ALL46402-48	ALL46404-48
60"	ALL46400-60	-	ALL46402-60	ALL46404-60
90"	ALL46400-90	-	-	-
120"	ALL46400-120	-	ALL46402-120	ALL46404-120
180"	ALL46400-180	-	-	-



90° Forged End



90° Tube End

FITTINGS & HOSES



Coated Braided Steel Lines With Steel Ends

Black coated braided steel lines with steel ends. Choose #3 or #4 line in straight/straight or straight/ 90° configurations. Lengths stated are overall, end-to-end.



Length	#3 Line		#4 Line	
	Two -3 Straight	-3 90° and -3 Straight	Two -4 Straight	-4 90° and -4 Straight
12"	ALL48430-12	ALL48434-12	ALL48440-12	ALL48444-12
15"	ALL48430-15	ALL48434-15	ALL48440-15	ALL48444-15
18"	ALL48430-18	ALL48434-18	ALL48440-18	ALL48444-18
21"	ALL48430-21	ALL48434-21	ALL48440-21	ALL48444-21
24"	ALL48430-24	ALL48434-24	ALL48440-24	ALL48444-24
30"	ALL48430-30	ALL48434-30	ALL48440-30	ALL48444-30
36"	ALL48430-36	ALL48434-36	ALL48440-36	ALL48444-36

Coated Braided Steel Lines With Aluminum Ends

Black coated braided steel lines have black aluminum ends. Choose #2, #3 or #4 line in straight/straight or straight/ 90° configurations. Lengths stated are overall, end-to-end.



Length	#2 Line		#3 Line		#4 Line	
	Two -3 Straight	Two -3 Straight	-3 90° and -3 Straight	Two -4 Straight Ends	-4 90° And -4 Straight	
6"	ALL48385	ALL48387	ALL48413	ALL48349	ALL48398	
9"	ALL48386	ALL48388	ALL48414	ALL48350	ALL48399	
12"	ALL48371	ALL48361	ALL48415	ALL48351	ALL48400	
15"	ALL48372	ALL48362	ALL48416	ALL48352	ALL48401	
18"	ALL48373	ALL48363	ALL48417	ALL48353	ALL48402	
21"	ALL48374	ALL48364	ALL48418	ALL48354	ALL48403	
24"	ALL48375	ALL48365	ALL48419	ALL48355	ALL48404	
30"	ALL48376	ALL48366	ALL48420	ALL48356	ALL48405	
32"	-	ALL48367	-	-	-	
36"	ALL48378	ALL48368	ALL48422	ALL48358	ALL48407	
40"	ALL48384	ALL48389	ALL48426	ALL48390	ALL48427	
46"	-	-	ALL48394	-	-	
48"	ALL48379	ALL48369	ALL48423	ALL48359	ALL48408	
52"	-	ALL48392	-	-	-	
60"	ALL48380	ALL48370	ALL48424	ALL48360	ALL48409	
62"	-	ALL48393	-	-	-	
73"	ALL48383	ALL48382	ALL48425	ALL48381	ALL48410	

#6 Coated Braided Steel Lines With Aluminum Ends

Black coated braided steel lines have black aluminum ends. Lengths stated are overall, end-to-end.

Length	Two -6 Straight	-6 90° & -6 Straight
12"	ALL48465-12	ALL48466-12
24"	ALL48465-24	ALL48466-24
36"	ALL48465-36	ALL48466-36
72"	ALL48465-72	-
120" (10 ft.)	ALL48465-120	-
192" (16 ft.)	ALL48465-192	-



Quick Disconnect Couplings

2-piece couplings allow lines to be separated without loss of fluid or requirement of bleeding. Commonly used on brake systems when changing front or rear axle assembly, hydraulic wing cylinders, a hydraulic clutch system using a hydraulic throw out bearing or when servicing a transmission with an internal hydraulic clutch.



- ALL50215** Steel Coupling With 1/8" NPT Female Threads
- ALL50212** Alum. Coupling With -3AN Male Threads
- ALL50213** Alum. Coupling With -4AN Male Threads
- ALL50209** Premium Coupling Fitting With -3AN Male Threads



Shannon Babb



#3 Braided Steel Lines With -4 Ends

Length	Two -4 Straight Ends	-4 90° And -4 Straight
9"	ALL46310-9	ALL46312-9
12"	ALL46310-12	ALL46312-12
15"	ALL46310-15	ALL46312-15
18"	ALL46310-18	ALL46312-18
21"	ALL46310-21	ALL46312-21
24"	ALL46310-24	ALL46312-24
28"	ALL46310-28	ALL46312-28
32"	ALL46310-32	ALL46312-32
36"	ALL46310-36	ALL46312-36
42"	ALL46310-42	ALL46312-42
48"	ALL46310-48	ALL46312-48
60"	ALL46310-60	ALL46312-60
120"	ALL46310-120	ALL46312-120



Braided Steel Lines With 10mm Banjo Fitting

Length	#3 Line		#4 Line
	-3 Straight	-4 Straight	-4 Straight
18"	ALL46340-18	-	ALL46440-18
21"	-	-	ALL46440-21
24"	-	ALL46341-24	ALL46440-24
44"	ALL46340-44	-	-



#4 Braided Steel Lines With 1/8" NPT And Straight -4 Ends

Length	Part No.
18"	ALL46420-18
24"	ALL46420-24
30"	ALL46420-30
36"	ALL46420-36
48"	ALL46420-48



#3 Braided Steel Lines With 3/16" Inverted Flare 90° And Straight -3 Ends

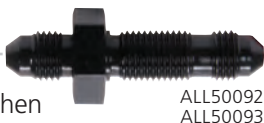
Length	Part No.
24"	ALL46332-24
36"	ALL46332-36
48"	ALL46332-48



Bulkhead Fittings

Black anodized aluminum bulkhead adapter fittings are perfect when plumbing needs to pass through a firewall, interior panel or a mounting bracket.

- ALL50092 Straight -3AN to -3AN
- ALL50093 Straight -4AN to -4AN
- ALL50094 90 Degree -3AN to -3AN
- ALL50095 90 Degree -4AN to -4AN
- ALL50096 Tee (Run) -3AN (3x)
- ALL50097 Tee (Run) -4AN (3x)
- ALL50098 -3AN Bulkhead Nut
- ALL50099 -4AN Bulkhead Nut



ALL50092
ALL50093



ALL50094
ALL50095



ALL50096
ALL50097

Bulkhead Mounting Tab

ALL60093

One-piece steel mounting tab with 7/16" hole can be bolted to the chassis or rear end to hold bulkhead fittings in place. Bracket is 5/64" thick.



90 Degree Swivel Fitting

Black anodized aluminum fitting swivels a full 360 degree for convenient hose connection. 1/8" NPT fitting is commonly used in after-market calipers, gauge panels or anywhere a swivel connection would be useful.

- ALL50108 1/8" NPT to -3AN
- ALL50109 1/8" NPT to -4AN



AN Union Fittings

Black anodized aluminum flare union adapter fittings are commonly used to connect two hoses with female AN ends.

- ALL50090 -3AN to -3AN
- ALL50091 -4AN to -4AN

