

# PERFORMANCE PLUMBING MADE EASY

## THE 3 BASIC ELEMENTS OF PLUMBING

In order to plumb your vehicle with a minimum amount of time, effort and money, you should know the basics about hose, hose ends and adapter fittings.

Hose diameters are assigned AN numbers. Using your automotive hose size, choose from the chart below to find the AN equivalent for hose, hose ends and adapter fittings.

For example: a 3/8" standard hose equals -6 AN.

### HOSE CONVERSIONS

STD. AUTOMOTIVE HOSE	=	AN EQUIVALENT
1/4"	=	-4
3/8"	=	-6
1/2"	=	-8
5/8"	=	-10
3/4"	=	-12
1"	=	-16
1-1/4"	=	-20
1-1/2"	=	-24

Another easy method to convert AN size to fractional is to remember that each AN number represents 1/16".

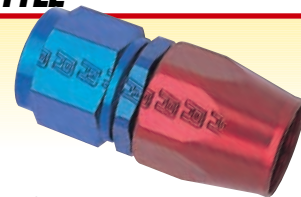
For example: -8 AN = 8/16" = 1/2".

### 1- CHOOSE HOSE SIZE



### 2- CHOOSE HOSE END STYLE

Straight, 45°, 90°, 120°, 150°, 180°  
In same AN size as hose



### 3- CHOOSE ADAPTER

Adapt AN to NPT

Example: -6 AN to 3/8" NPT



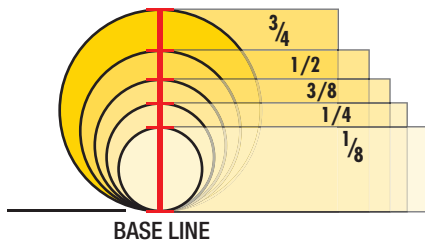
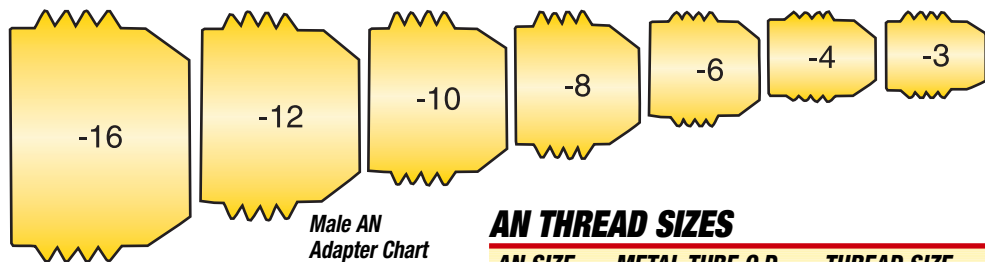
### = FINISHED PRODUCT



## TECHNICAL INFORMATION

### MALE AN ADAPTER IDENTIFICATION CHART

The line drawings to the right depict actual sizes of the various common AN thread sizes by dash number. Lay your fitting over the appropriate drawing to determine what size fitting you have.



### PIPE THREAD SIZE CHART

Use the diagram to the right to find pipe thread size. Place fitting against Base Line; read fitting size where it intersects the vertical line.

### AN THREAD SIZES

AN SIZE	METAL TUBE O.D.	THREAD SIZE
-3	3/16"	3/8" - 24 SAE
-4	1/4"	7/16" - 20 SAE
-5	5/16"	1/2" - 20 SAE
-6	3/8"	9/16" - 18 SAE
-8	1/2"	3/4" - 16 SAE
-10	5/8"	7/8" - 14 SAE
-12	3/4"	1-1/16" - 12 SAE
-16	1"	1-5/16" - 12 SAE
-20	1-1/4"	1-5/8" - 12 SAE

### B-NUT SIZE CHART

The line drawings to the right depict actual sizes of the various common types of fittings, hose ends and adapters. The number in parenthesis is SAE wrench size equivalent.

