SCHRADER PACIFIC
Advanced Valves

# TANK VALVES

*For air bladder applications, bicycle suspension systems, telecom, water storage systems, etc.*

*Demand an authentic Schrader Pacific valve built by the company that set the quality standard for tank valves more than 50 years ago. Our reliable valves make us the industry leader in performance.*

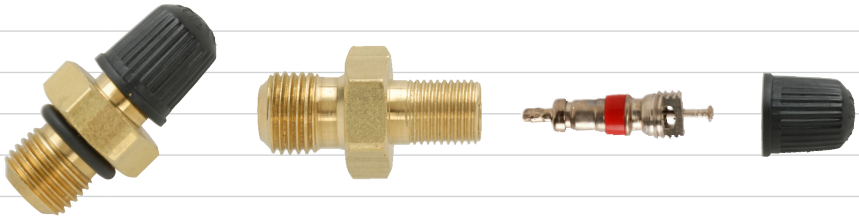
Schrader Pacific's experienced product development staff provides unique solutions for unique applications. Schrader Pacific can meet requirements and specifications for performance, size-weight, and cost, whether it is a single component, sub assembly or module.

Existing Tank Valve applications cover many and varied uses from telecommunications to water storage. Schrader Pacific Tank Valves fit your application dependably and economically.

Don't see a combination you need? Contact Schrader Pacific or your nearest Schrader Pacific Distributor.

## Applications

*Water Storage*
*Air Bladder Applications*
*Telecommunications*
*Bicycle Suspension Systems*
*Multiple Fluids Compatibility*



Schrader Pacific reserves the right to change any of the following specifications without notice. This document is meant to be used as reference only. For more specific information, or information regarding cores not listed here, please contact Schrader Pacific.

TANK VALVE INFORMATION

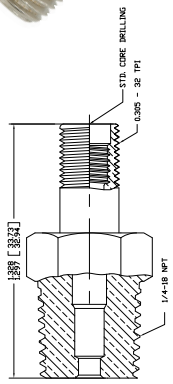
| CURRENT HOUSING # | OLD MONROE HOUSING # | OVERALL LENGTH | THREAD SIZE | HEX SIZE |
|---|---|---|---|---|
| 560 | 1498 | 1.312 | 1/4-18" NPT | 9/16" |
| 900 | 645 | 1.312 | 1/8-27" NPT | 7/16" |
| 901 | 1468 | 1.312 | 1/8-27" NPT | 7/16" |
| 904 | 9166 | 0.860 | 1/8-27" NPT | 7/16" |
| 906 | NONE | 0.937 | 1/8-27" NPT | 7/16" |
| 566 | NONE | 1.060 | 1/8-27" NPT | 7/16" |
| 557 | NONE | 1.000 | 1/4-18" NPT | 9/16" |

OLD NOMENCLATURE CONVERSION

| HOUSING # | LETTER/CORE # | NUMBER/CAP # | ALTAVISTA/ CAP # | REMARKS |
|---|---|---|---|---|
| 645 | H = 2300 | -5 = 2525 CAP | 132790 | 2300 core replaced by 099141117 |
| 1468 | L = 8500 | -6 = 6300C CAP | 074931 | 8500 core replaced by 054051000 |
| 1498 | M = 1566 | -8 = 7572 CAP | 084421 | |
| 9166 | P = 5405 | -9 = 7612 CAP | 761200 | |
| | S = 6181 | -11 = 7572S CAP | 075720329 | 6181 core can be replaced by 8080801047 |
| | W = 9914 | -17 = 440 CAP | 059980000 | |
| | X = 6035 | -18 = 660 CAP | 135853 | |
| | | -20 = 2316C CAP | 074501 | |

Note: Valve core dictates pressure.
See valve core brochure for details.

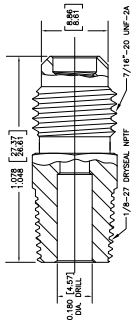
**WARNING:** *This product can expose you to chemicals, including Lead which is known to the State of California to cause cancer or birth defects or other reproductive harm.*




## 560 Series Tank Valves

Cap Thread .305-32 Tank Thread 1/4" NPT  Low lead (LL) version available

| Part Number | Valve Core | Cap | Finish | Application | Remarks |
|---|---|---|---|---|---|
| 8056001147 | 060350001 | 059980000 | Bright Dip | High Temp Air | |
| 8056011047 | | | Bright Dip | | Body Only |
| 8056012047 | 8080580047 | 084421 | Bright Dip | A/C | |
| 8056013047 | 015660113 | 135853 | Bright Dip | Low Pressure | |
| 8056014047 | 015660113 | 074931 | Bright Dip | Low Pressure | |
| 8056015047 | 015660113 | 074501 | Bright Dip | Low Pressure | |
| 8056016047 | 015660113 | 074931 | Bright Dip | Low Pressure | |
| 8056017047 | 015660113 | | Bright Dip | Low Pressure | |
| 8056020047 | 054051000 | 074931 | Bright Dip | Std Air | |
| 8056021047 | 054051000 | 084421 | Nickel | Std Air | |
| 8056030047 | 015660113 | 084421 | Nickel | Low Pressure | |
| 8056040047 | 054051000 | 135853 | Bright Dip | Std Air | |
| 8056050047 | 8080588047 | 074931 | Brass | A/C | Spring-less valve core |
| 8056060047 | 8080570047 | 074931 | Bright Dip | A/C | |
| 8056061047 | 099141117 | 132780 | Bright Dip | High Pressure | |
| 8056062047 | 8080570047 | 074501 | Bright Dip | A/C | Black Onyx Cap |
| 8056080047 | 8080721047 | 084421 | Bright Dip | Fuel | |
| 8056090047 | 054051000 | 084421 | Bright Dip | Std Air | |



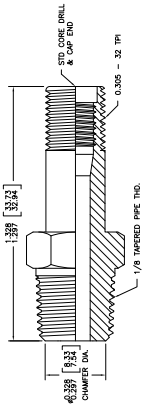

## 566 Series Tank Valves

Cap Thread 7/16-20 UNF Tank Thread 1/8" NPT

| Part Number | Valve Core | Cap | Finish | Application | Remarks |
|---|---|---|---|---|---|
| 8056603547 | 8080570047 | 205080 | Bright Dip | A/C | |
| 8056610047 | 8080721047 | 205080 | Bright Dip | Fuel | |
| 8056611047 | 045750035 | | Bright Dip | Low Pressure | |
| 8056611147 | 8080721047 | 205235 | Bright Dip | Fuel | Nylon Refrigeration Cap |
| 8056612047 | 054051000 | | Bright Dip | Std Air | |
| 8056620047 | 8080570047 | | Bright Dip | A/C | |
| 8056622047 | 8080580047 | 205240 | Bright Dip | | Nylon Refrigeration Cap |
| 8056640047 | 8080801047 | 205240 | Nickel | Fuel | Nylon Refrigeration Cap |
| 8056650047 | 8080721047 | 205080 | Nickel | Fuel | |
| 8056670047 | | | Brass | | Body Only |
| 8056680047 | 054051000 | 205130 | Bright Dip | Std Air | Dry Seal |
| 8056683547 | 8080570047 | 205080 | Bright Dip | A/C | Loctite® on pipe threads |
| 8056690047 | 8080721047 | 205235 | Nickel | Fuel | Nylon Refrigeration Cap |
| 8056691047 | 099141117 | 205130 | Nickel | High Pressure | |
| 8056692047 | 8080731047 | 205080 | Brass | Fuel | |

*Due to the variety of operating conditions and applications, the customer is responsible to perform their own testing to ensure performance, safety and warranty requirements for the intended application.*

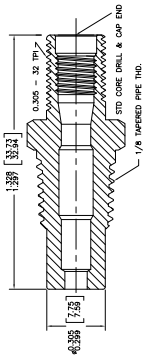
Note: Valve core dictates pressure.
See valve core brochure for details.




## *900 Series Tank Valves*

Cap Thread .305-32 Tank Thread 1/8" NPT  Low lead (LL) version available

| Part Number | Valve Core | Cap | Finish | Application | Remarks |
|---|---|---|---|---|---|
| 3890000047 | 015660113 | 135853 | Nickel | Low Pressure | |
| 3890000424 | 054051000 | 084421 | Brass | Std Air | |
| 3890010047 | 045750035 | 074931 | Nickel | Low Pressure | |
| 3890011075 | 054051000 | 084421 | Nickel | Std Air | Loctite® on pipe threads |
| 3890030075 | 054051000 | | Nickel | Std Air | |
| 3890060075 | 054051000 | 084421 | Nickel | Std Air | |
| 3890080075 | 015660113 | | Nickel | Low Pressure | |
| 8090000070 | 054051000 | 074931 | Nickel | Std Air | |
| 8090001447 | 015660113 | 074931 | Nickel | Low Pressure | |
| 8090001547 | 099141117 | | Nickel | High Pressure | |
| 8090001647 | 015660113 | | Nickel | Low Pressure | |
| 8090001747 | 099141117 | 132780 | Nickel | High Pressure | |
| 8090001947 | 060350001 | 132780 | Nickel | High Temp Air | |
| 8090010070 | | | Nickel | | Body Only |
| 8090030075 | 054051000 | 135853 | Nickel | Std Air | |
| 8090040047 | 8039700047 | | Brass | Water | Pull Core: Water Systems/Humidifiers |
| 8090050047 | 054051000 | 135853 | Brass | Std Air | |
| 8090051047 | 8080580047 | 074931 | Nickel | A/C | Spring-less Core |
| 8090061047 | 099141117 | 132790 | Nickel | High Pressure | |



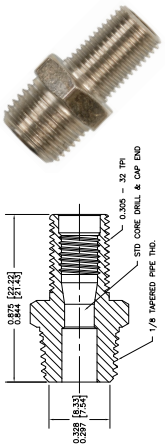

## *901 Series Tank Valves*

Cap Thread .305-32 Tank Thread 1/8" NPT

| Part Number | Valve Core | Cap | Finish | Application | Remarks |
|---|---|---|---|---|---|
| 8090113047 | 8080570047 | | Nickel | A/C | |
| 8090120070 | 054051000 | 074931 | Nickel | Std Air | |
| 8090160047 | 015660113 | | Nickel | Low Pressure | |
| 8090180047 | 099141117 | 132780 | Nickel | High Pressure | |
| 8090112047 | 054051000 | 084421 | Nickel | Std Air | |

Note: Valve core dictates pressure.
See valve core brochure for details.

**WARNING:** *This product can expose you to chemicals, including Lead which is known to the State of California to cause cancer or birth defects or other reproductive harm.*




## *904 Series Tank Valves* Cap Thread .305-32 Tank Thread 1/8" NPT

| Part Number | Valve Core | Cap | Finish | Application | Remarks |
|---|---|---|---|---|---|
| 8090400070 | | | Nickel | | Body Only |
| 8090400947 | 054051000 | 761200 | Nickel | Std Air | |
| 8090401047 | 099141117 | 132780 | Nickel | High Pressure | |
| 8090401247 | 015660113 | 074931 | Nickel | Low Pressure | |
| 8090401347 | 054051000 | 231600 | Nickel | Std Air | |
| 8090401647 | 8080570047 | 074931 | Nickel | A/C | |
| 8090401847 | 8080570047 | 084421 | Nickel | A/C | |
| 8090401947 | 060350001 | 132790 | Nickel | | |
| 8090410075 | 054051000 | | Nickel | Std Air | |
| 8090411075 | 054051000 | 084421 | Nickel | Std Air | |
| 8090412075 | 054051000 | 084421 | Brass | Std Air | |
| 8090413047 | 054051000 | 135853 | Nickel | Std Air | |
| 8090420075 | 8080721047 | 084421 | Nickel | Fuel | |
| 8090430047 | 099141117 | 761200 | Nickel | High Pressure | |
| 8090435047 | 099141117 | 084421 | Nickel | High Pressure | |
| 8090440075 | 054051000 | | Nickel | Std Air | #79 locknut included |
| 8090450047 | 054051000 | 115500 | Nickel | Std Air | |
| 8090460070 | 8080731047 | 084421 | Nickel | Fuel | |
| 8090470075 | 8080721047 | 135853 | Nickel | Fuel | |
| 8090480070 | | | Brass | | Body Only |
| 8090490075 | 8080580047 | 084421 | Nickel | A/C | |

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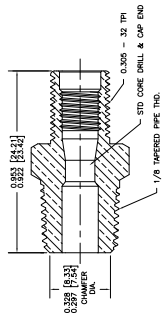
Note: Valve core dictates pressure.
See valve core brochure for details.




## *906 Series Tank Valves*

Cap Thread .305-32 Tank Thread 1/8" NPT  Low lead (LL) version available

| Part Number | Valve Core | Cap | Finish | Application | Remarks |
|---|---|---|---|---|---|
| 3890600057 | 054051000 | 084421 | Brass | Std Air | |
| 3890600075 | | | Nickel | | Body Only |
| 3890620070 | 8080721047 | 084421 | Nickel | Fuel | |
| 3890640075 | 054051000 | 084421 | Nickel | Std Air | |
| 3890641075 | 054051000 | 084421 | Nickel | Std Air | Loctite® on pipe threads |
| 3890642075 | 054051000 | | Nickel | Std Air | Loctite® on pipe threads |
| 3890650075 | 054051000 | 135853 | Brass | Std Air | |
| 3890670070 | 8080721047 | 135853 | Nickel | Fuel | Cap packed separately |
| 3890690070 | 8080721047 | 084421 | Nickel | Fuel | Cap packed separately |
| 8090601347 | 015660113 | 135853 | Nickel | Low Pressure | |
| 8090601447 | 099141117 | 059980000 | Nickel | High Pressure | |
| 8090601547 | 054051000 | 074931 | Nickel | Std Air | |
| 8090601647 | 045750035 | 084421 | Nickel | Low Pressure | |
| 8090601847 | 099141117 | 074931 | Nickel | High Pressure | |
| 8090620075 | 054051000 | 135853 | Nickel | Std Air | |
| 8090630075 | 8080801047 | 135853 | Nickel | Fuel | Alternative Fuels |
| 8090650075 | 054051000 | 084421 | Nickel | Std Air | Cap packed separately |
| 8090670047 | | | Brass | | Body Only |
| 8090680047 | 8080580047 | 084421 | Nickel | A/C | |

**WARNING:** *This product can expose you to chemicals, including Lead which is known to the State of California to cause cancer or birth defects or other reproductive harm.*

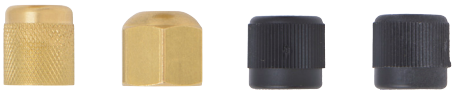
## Available Cap Styles

Schrader Pacific provides a wide range of caps to meet any application. Caps below are for .305"-32 threads.

135853 074931 761200 084421 115500

074501 132780 132790 059980000

Caps below are for 7/16"-20, 1/4" flare threads.



205080 205130 205240 205255

## Valve Cores

Ask for more information to see full valve core selection.

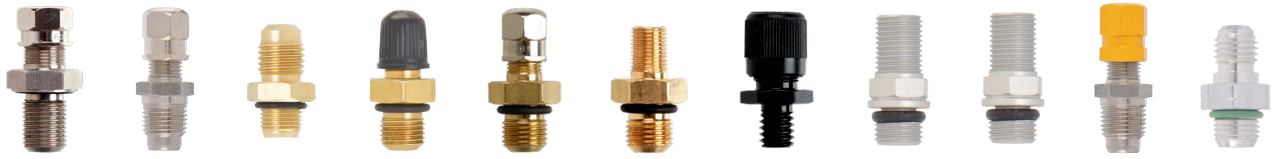
099141117 054051000 015660113* 060350001 8039700047 8080570047

8080721047 8080801047 8080588047 045750035 8080580047

*Low lead (LL) Version available

For a complete list of valve cores, see Product Materials section under Valve Cores at www.Schrader-Pacific.com to download a complete valve core catalog.

## Specialty Valves



059350098 036420100 8114300094 8272400042 8272410042 430047 8025602293 8030200047 8030210047 0364202100 8058210047

| Part Number | Valve Core | Cap | Finish | Application | Remarks | Tank Thread | Cap Thread |
|---|---|---|---|---|---|---|---|
| 059350098 | 099141117 | 059340098 | Stainless | High Pressure | O-Ring, Shock Absorber Valve | 1/2-20 UNF-3A | .482-26 |
| 036420100 | 054051000 | 761200 | Stainless | Std Air | With Filter | 1/8-27 NPT | .305-32 |
| 8114300094 | 8080580047 | | Brass | A/C | O-Ring | 1/8-28 British | 7/16-20 UNF-2A |
| 8272400042 | 8080721047 | 135853 | Brass | Fuel | O-Ring (H1341 Housing) | M10x1 | .305-32 |
| 8272410042 | 099141117 | 761200 | Brass | Fuel | O-Ring (H1341 Housing) | M10x1 | .305-32 |
| 430047 | 054051000 | | Brass | Std Air | O-Ring (H1341 Housing) | M10x1 | .305-32 |
| 8025602293 | 8080721047 | 205255 | Blk Chrome | Fuel | | 5/16-18 UNC-2A | 7/16-20 UNF-2A |
| 8030200047 | 054051000 | | Aluminum | Std Air | O-Ring | 5/16-32 UNEF-2A | .305-32 |
| 8030210047 | 8080731047 | | Aluminum | Fuel | O-Ring | 5/16-32 UNEF-2A | .305-32 |
| 0364202100 | 099141117 | 132780 | Stainless | Std Air | With Filter | 1/8-27 NPT | .305-32 |
| 8058210047 | 8080580047 | | Aluminum | A/C | O-Ring | 1/2-20 UNF-2A | M12x1.5-6g |

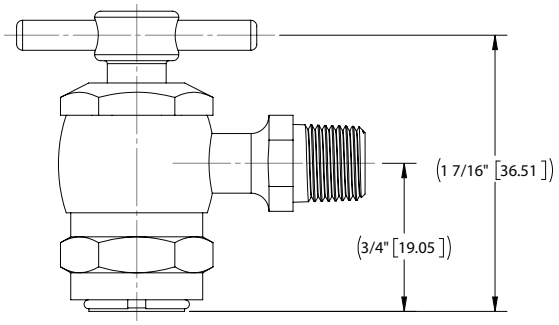
### Low-lead Tank Valve Assemblies

With recent legislation in several states tightening regulation of lead content in the components of potable (drinking) water systems, Schrader Pacific has developed a line of tank valve assemblies that are compliant with NSF/ANSI Standard 61 Annex G, which limits assembly lead content to not more than 0.25% maximum of the wetted surfaces. Contact Schrader Pacific for sizes and availability.

*Due to the variety of operating conditions and applications, the customer is responsible to perform their own testing to ensure performance, safety and warranty requirements for the intended application.*

Note: Valve core dictates pressure. See valve core brochure for details.

***High Pressure Connectors***
***Detailed customer drawings available.***
***Sections shown for size reference.***

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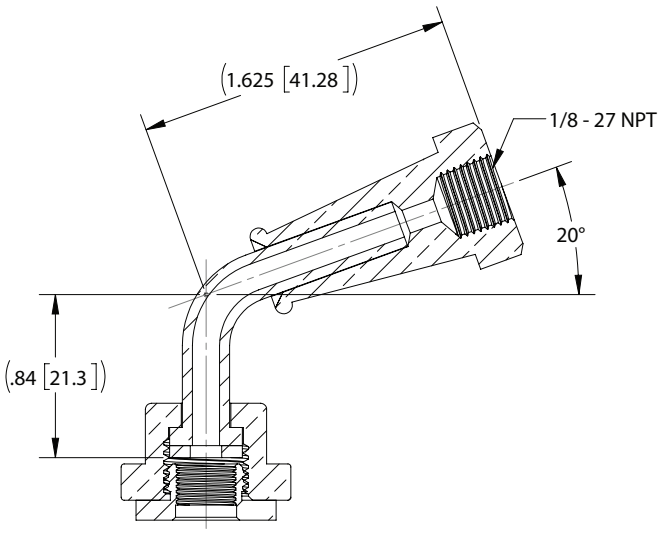


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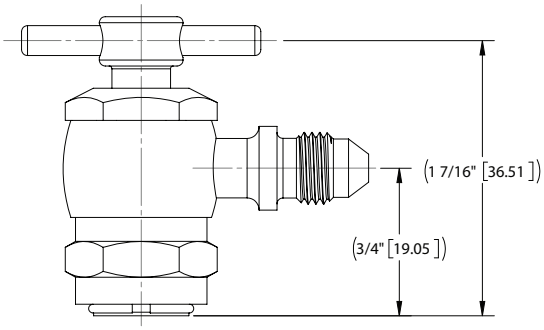


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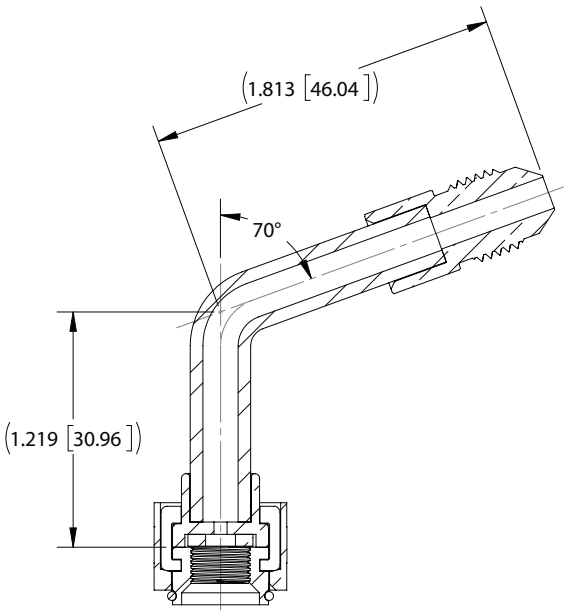


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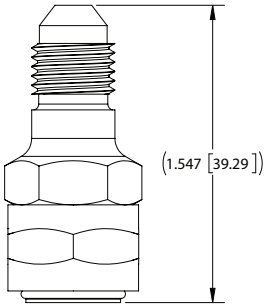


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