

System #4 High Temp

These markers are designed to withstand higher temperatures, harsh chemicals and UV fading. Styles AR4B thru AR4F wrap completely around the pipe. Style AR4H markers are strapped on with either stainless steel or nylon straps which are sold separately. Printed on durable polyester and laminated to seal in printing. Markers are affixed to themselves with a Tedlar™ sealing strip.



Complies with IIAR Recommended Guideline Bulletin #114

Tedlar™ is a trademark of DuPont Corporation

S Stock Pricing System #4

| Style | Pipe O.D. | 1 - 49 | 50 - 99 | 100+ |
|-------|------------------|--------|---------|-------|
| AR4B | 1" to 2-3/8" | 6.05 | 5.80 | 5.60 |
| AR4E | 2-1/2" to 4-3/4" | 9.75 | 9.40 | 9.00 |
| AR4F | 5" to 7-7/8" | 12.25 | 11.75 | 11.35 |
| AR4H | Over 8" | 15.45 | 14.85 | 14.25 |

To Order Stock: Specify Marker Style, Part Number & Quantity. Example: AR4B-10. OK To Combine Stock Markers For Best Price.

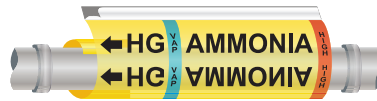
C Custom Pricing System #4

| Style | Pipe O.D. | 1 - 10 | 11 - 49 | 50+ |
|-------|------------------|--------|---------|-------|
| AR4B | 1" to 2-3/8" | 10.30 | 7.95 | 6.05 |
| AR4E | 2-1/2" to 4-3/4" | 14.90 | 12.35 | 9.75 |
| AR4F | 5" to 7-7/8" | 16.20 | 14.95 | 12.25 |
| AR4H | Over 8" | 17.90 | 15.75 | 15.45 |

To Order Custom: Specify Product Code CUST-AR(Marker Style) Example CUST-AR4B, Legend Abbreviation, Physical State (Vap or Liq), the Pressure Rating (High or Low). Order 10 Identical Markers To Avoid Setup Charge. Under 10, Add A \$15.00 Setup Charge.

Marker Selection

**Styles AR4B, AR4E, AR4F
Wrap Around
(Secures With Adhesive Strip)**



**Style AR4H - Strap On
(Nylon Ties or S.S. Strapping Sold Separately)**



| Style | Pipe O.D. | Marker Width | Letter Size |
|-------|------------------|--------------|-------------|
| AR4B | 1" - 2-3/8" | 8" | 3/4" |
| AR4E | 2-1/2" to 4-3/4" | 12" | 1-1/4" |
| AR4F | 5" to 7-7/8" | 12" | 1-1/4" |
| AR4H | Over 8" | 32" | 3-1/2" |

Ammonia Marker Stock List

| Part # | Legend | Abbr. | State | Press. |
|--------|--------------------------|-------|-------|--------|
| 1 | BOOSTER DISCHARGE | BD | V | L |
| 2 | CONDENSER DRAIN | CD | L | H |
| 3 | DEFROST CONDENSATE | DC | L | H |
| 4 | ECONOMIZER SUCTION | ES | V | L |
| 5 | HOT GAS | HG | V | H |
| 6 | HOT GAS DEFROST | HGD | V | H |
| 7 | HIGH PRESS. LIQUID | HPL | L | H |
| 8 | HIGH STAGE DISC. | HSD | V | H |
| 9 | HIGH STAGE SUCT. | HSS | V | L |
| 10 | HIGH TEMP. RECIRC. LIQ. | HTRL | L | L |
| 11 | HIGH TEMP. RECIRC. SUCT. | HTRLS | L V | L |
| 12 | HIGH TEMP. SUCT. | HTS | V | L |
| 13 | LIQUID INJECTION COOL | LIC | L | H |
| 14 | LOW STAGE SUCT. | LSS | V | L |
| 15 | LOW TEMP. RECIRC. LIQ. | LTRL | L | L |
| 16 | LOW TEMP. RECIRC. SUCT. | LTRLS | L V | L |
| 17 | LOW TEMP. SUCT. | LTS | V | L |
| 18 | RELIEF VENT | RV | - | - |
| 19 | THERMOSYPHON RETURN | TSR | L V | H |
| 20 | THERMOSYPHON SUPPLY | TSS | L | H |
| 21 | BLANK WITH BANDS | - | V | L |
| 22 | BLANK WITH BANDS | - | L | H |
| 23 | BLANK WITH BANDS | - | V | H |
| 24 | BLANK WITH BANDS | - | L | L |
| 25 | BLANK WITH BANDS | - | L V | L |
| 26 | BLANK WITH BANDS | - | L V | H |
| 27 | EQUALIZER | EQ | V | H |
| 28 | FOUL GAS | FG | V | L |
| 29 | LIQUID DRAIN | LD | L | L |
| 30 | LIQUID TRANSFER | LT | L | L |
| 31 | MED. TEMP. RECIRC. LIQ. | MTRL | L | L |
| 32 | MED. TEMP. RECIRC. SUCT. | MTRLS | L V | L |
| 33 | MED. TEMP. SUCTION | MTS | V | L |
| 34 | PUMP OUT | PO | - | - |
| 35 | RELIEF VENT | RV | V | H |

Ammonia Reference Chart

If your personnel is not familiar with the many abbreviations and the ammonia marker layout, this reference chart makes a great tool.

Ammonia reference chart is 12 x 16" and is available in a pressure sensitive vinyl decal or .055 thick white semi-rigid plastic sign.

P.S. Vinyl (Label)

Part # ARC-1

\$25.00

.055 Plastic

Part # ARC-2

\$31.25

AMMONIA REFRIGERATION IDENTIFICATION REFERENCE CHART

(A) AMMONIA SYSTEM ABBREVIATION

| DESCRIPTION | ABBR. | DESCRIPTION | ABBR. |
|----------------------|-------|-------------------------------|-------|
| BOOSTER DISCHARGE | BD | LOW TEMP SUCTION | LTS |
| CONDENSER DRAIN | CD | HIGH TEMP SUCTION | HTS |
| CONDENSATE RETURN | CR | HIGH TEMP RECIRCULATED LIQUID | HTRL |
| DEFROST CONDENSATE | DC | LOW TEMP RECIRCULATED LIQUID | LTRL |
| ECONOMIZER SUCTION | ES | HIGH LOW RECIRCULATED SUCTION | HTRS |
| HOT GAS DEFROST | HGD | LOW TEMP RECIRCULATED SUCTION | LTRS |
| HOT GAS | HG | LIQUID INJECTION COOLING | LIC |
| HIGH PRESSURE LIQUID | HPL | RELIEF VENT | RV |
| HIGH STAGE DISCHARGE | HSD | THERMOSYPHON RETURN | TSR |
| HIGH STAGE SUCTION | HSS | THERMOSYPHON SUPPLY | TSS |
| LOW STAGE SUCTION | LSS | | |

(B) PHYSICAL STATE: THIS COLOR BANDS USED TO INDICATE THE PHYSICAL STATE OF THE AMMONIA REFRIGERANT. THE REFRIGERANT STATE IS IDENTIFIED AS A LIQUID OR A VAPOR. THE COLOR CODES: LIQUID (L) OR VAPOR (V) OR VAPOR (V) OR VAPOR (V) OR VAPOR (V). THERE ARE ALSO STAGES OF THE SYSTEM WHEN IT IS POSSIBLE TO HAVE A COMBINATION OF BOTH LIQUID AND VAPOR. IN THIS SITUATION BOTH COLOR BANDS WILL BE ON THE MARKER.

(C) AMMONIA SYSTEM IDENTIFICATION: HIGHLIGHTED BY YELLOW BACKGROUND AND THE BLACK AMMONIA LEGEND.

PRESSURE RATING: THIS COLOR BANDS USED TO INDICATE THE AMOUNT OF PRESSURE TO BE FOUND AT THIS STAGE IN THE AMMONIA SYSTEM. IT IS EXPRESSED IN TERMS OF HIGH OR LOW PRESSURE. LOW PRESSURE HAS A COLOR CODE OF GREEN AND REPRESENTS PRESSURES BELOW 70 PSIG. HIGH PRESSURE HAS A COLOR CODE OF RED AND REPRESENTS PRESSURES ABOVE 70 PSIG.



Stainless Steel Strapping

3/8" wide .015 S.S. strapping is easy to install and is used in corrosive environments, instead of nylon ties, to secure pipe markers.

| Part # | Size | Price |
|--------|--|--------|
| SSS38 | 3/8" x .015 x 200' Stainless Steel Strapping | 35.95 |
| SSP-38 | 3/8" Stainless Steel Wings Seals (100/Pkg) | 16.50 |
| RTST-1 | Ratchet Type Strapping Tool | 134.50 |