

Product Information Bulletin

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Ammonia Self-Adhesive Pipe Markers



Self-Adhesive Ammonia Markers with New 2019 Color Scheme



SIZE CHART

MARKER STYLE	OUTSIDE PIPE DIAMETER	MARKER DIMENSIONS	SIZE OF LETTERS
AN-1	3/4" - 2" / 19 - 51mm	10 x 1-1/2" / 254 x 38mm	3/4" / 51mm
AN-2	2-1/2" - 6" / 64 - 152mm	15 x 2-1/2" / 381 x 64mm	1-1/4" / 32mm
AN-3	7" - 10" / 178 - 254mm	27 x 3-1/2" / 686 x 89mm	2-1/2" / 64mm
AN-4	Over 10" / 254mm	32 x 4-1/2" / 813 x 114mm	3-1/2" / 89mm

Compliance:

- IIAR Recommended Guidelines Bulletin #114 2019 Revision
- ANSI Z535.1 Safety Color Code
- **LEED Compliance:** This product is in compliance with the Standards set forth by the South Coast Air Quality Management District (SCAQMD) Rule #1168 and the Green Seal Standard, GS-36 for Commercial Adhesives pertaining to Volatile Organic Compounds (VOC). The adhesive backing on this product contains < 4.4 grams / Liter VOC.

Material:

Outdoor Grade 3.2 mil thick high gloss adhesive backed calendared vinyl film, printed using UV and chemical resistant inks, to insure durability in most commercial / industrial environments.

Use:

Identify Ammonia piping systems. Each pipe marker contains the refrigerant "AMMONIA", the Specific Abbreviation, Physical State (LIQ, VAP) and Pressure Level (HIGH, LOW). An arrow is also supplied with each marker for easy identification of the directional flow.

Adhesive:

Aggressive Permanent Adhesive formulated to adhere to a variety of insulated and non insulated pipe surfaces.

Surface Preparation:

Surface must be dry and reasonably clean prior to applying adhesive backed label product. Minimum Surface Temperature 50°F (10°C).

Outdoor Durability: 4 to 5 years Mid Continental US

Abrasion Resistance: Good

Water Resistance: Good

Solvent Resistance: Good

Service Temp: -20°F (-29°C) to 200°F (93°C)

Storage Stability: 2 years at 70°F with 50 RH

Ammonia Marker Stock List

Part #	Legend	Abbr.	State	Press.
1	BOOSTER DISCHARGE	BD	VAP	LOW
2	BOOSTER SUCTION	BS	VAP	LOW
3	CONDENSER DRAIN	CD	LIQ	HIGH
4	DEFROST CONDENSATE *	DC	LIQ VAP	HIGH
5	ECONOMIZER SUCTION	ES	VAP	LOW
6	EQUALIZER *	EQ	VAP	HIGH
7	FOUL GAS *	FG	VAP	HIGH
8	HIGH PRESS. LIQUID	HPL	LIQ	HIGH
9	HIGH STAGE DISCHARGE	HSD	VAP	HIGH
10	HIGH STAGE SUCTION	HSS	VAP	LOW
11	HIGH TEMP. RECIRC. LIQUID	HTRL	LIQ	LOW
12	HIGH TEMP. RECIRC. SUCTION	HTRS	LIQ VAP	LOW
13	HIGH TEMP. SUCTION	HTS	VAP	LOW
14	HOT GAS *	HG	VAP	HIGH
15	HOT GAS DEFROST	HGD	VAP	HIGH
16	INTERMEDIATE PRESS. LIQ.	IPL	LIQ	HIGH
17	LIQUID DRAIN *	LD	LIQ	LOW
18	LIQUID INJECTION COOL	LIC	LIQ	HIGH
19	LIQUID TRANSFER *	LT	LIQ	LOW
20	LOW STAGE DISCHARGE *	LSD	VAP	LOW
21	LOW STAGE SUCTION	LSS	VAP	LOW
22	LOW TEMP. LIQUID	LTL	LIQ	LOW
23	LOW TEMP. RECIRC. LIQUID	LTRL	LIQ	LOW
24	LOW TEMP. RECIRC. SUCTION	LTRS	LIQ VAP	LOW
25	LOW TEMP. SUCTION	LTS	VAP	LOW
26	MED. TEMP. RECIRC. LIQUID	MTRL	LIQ	LOW
27	MED. TEMP. RECIRC. SUCTION	MTRS	LIQ VAP	LOW
28	MED. TEMP. SUCTION	MTS	VAP	LOW
29	OIL DRAIN	OD	---	---
30	PUMP OUT	PO	LIQ VAP	LOW
31	PURGE *	PRG	VAP	HIGH
32	RELIEF VENT	RV	VAP	HIGH
33	RELIEF VENT *	RV	---	---
34	SUB-COOLED LIQUID	SCL	LIQ	HIGH
35	THERMOSYPHON RETURN	TSR	LIQ VAP	HIGH
36	THERMOSYPHON SUPPLY	TSS	LIQ	HIGH
37	THERMOSYPHON VENT	TSV	VAP	HIGH

* These Piping Descriptions Are NOT Included in IIAR Bulletin #114

DATE: ___ / ___ / ___

JOB: _____

CONTRACTOR: _____