R-449A PT Chart

Saturation pressure vs temperature · Safety class A1 · Blend

°F / psig
°C / kPa

°F and psig

°F	Liquid bubble, psig	Vapor dew, psig
-40	4.5	0.0
-35	7.1	2.1
-30	9.9	4.4
-25	13.0	7.0
-20	16.4	9.9
-15	20.1	13.0
-10	24.2	16.4
-5	28.6	20.2
0	33.4	24.3
5	38.5	28.7
10	44.1	33.6
15	50.1	38.8
20	56.6	44.5
25	63.5	50.6
30	70.9	57.2
35	78.9	64.2
40	**87.4**	**71.8**
45	96.4	80.0
50	106.1	88.7
55	116.3	98.0
60	127.2	107.9
65	138.8	118.5
70	151.0	129.7
75	163.9	141.7
80	177.6	154.3
85	192.0	167.8
90	207.2	182.0
95	223.2	197.1
100	**240.1**	**213.1**
105	257.8	229.9
110	276.4	247.7
115	295.9	266.5
120	316.3	286.3
125	337.8	307.2
130	360.2	329.2
135	383.7	352.4
140	408.3	376.8
145	433.9	402.5
150	460.7	429.7

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	31.2	0.0
-35	64.3	27.3
-30	103.6	59.9
-25	149.7	98.8
-20	203.5	144.6
-15	265.6	198.0
-10	336.9	260.0
-5	418.3	331.4
0	510.5	413.2
5	614.6	506.1
10	731.4	611.4
15	861.8	729.8
20	1006.7	862.7
25	1167.2	1011.1
30	1344.3	1176.1
35	1539.0	1359.1
40	1752.4	1561.5
45	1985.4	1784.8
50	2239.4	2030.6
55	2515.5	2300.9
60	2814.9	2597.9
65	3138.9	2924.4

Liquid = bubble point (use for subcooling). Vapor = dew point (use for superheat).
Rows every 5° plus the first and last row. Every degree is on the website.
Source: manufacturer and supplier charts (Chemours, Arkema, A-Gas). Reference only: always verify with the manufacturer's data and your gauges.