R-448A 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	4.9	0.0
-35	7.5	2.1
-30	10.4	4.4
-25	13.5	7.0
-20	17.0	9.8
-15	20.8	13.0
-10	24.9	16.4
-5	29.4	20.2
0	34.2	24.3
5	39.4	28.8
10	45.1	33.6
15	51.2	38.9
20	57.8	44.6
25	64.8	50.7
30	72.3	57.3
35	80.4	64.4
40	**89.0**	**72.1**
45	98.2	80.3
50	108.0	89.0
55	118.4	98.4
60	129.4	108.4
65	141.1	119.0
70	153.5	130.3
75	166.6	142.4
80	180.5	155.1
85	195.1	168.7
90	210.5	183.0
95	226.7	198.2
100	**243.7**	**214.3**
105	261.7	231.3
110	280.5	249.2
115	300.2	268.1
120	320.9	288.1
125	342.6	309.2
130	365.3	331.3
135	389.0	354.7
140	413.8	379.3
145	439.7	405.3
150	466.7	432.7

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	33.8	-0.2
-35	67.5	27.0
-30	107.4	59.8
-25	154.3	98.7
-20	208.9	144.6
-15	271.9	198.3
-10	344.4	260.5
-5	426.9	332.3
0	520.6	414.4
5	626.1	507.9
10	744.5	613.7
15	876.7	733.0
20	1023.7	866.8
25	1186.4	1016.1
30	1365.8	1182.4
35	1563.0	1366.8
40	1778.9	1570.8
45	2014.8	1795.8
50	2271.7	2043.6
55	2550.7	2316.0
60	2853.1	2615.5
65	3180.1	2944.8

Liquid = bubble point (use for subcooling). Vapor = dew point (use for superheat).

°C table: negative kPa = vacuum.

Rows every 5° plus the first and last row. Every degree is on the website.

Source: manufacturer and supplier charts (Chemours, Honeywell, Arkema, A-Gas). Reference only: always verify with the manufacturer's data and your gauges.