R-437A 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	*9.0"*	*12.5"*
-35	*6.0"*	*9.9"*
-30	*2.7"*	*6.9"*
-25	0.5	*3.6"*
-20	2.5	0.1
-15	4.7	2.1
-10	7.2	4.3
-5	9.8	6.7
0	12.8	9.4
5	15.9	12.3
10	19.4	15.5
15	23.1	19.0
20	27.2	22.8
25	31.6	26.9
30	36.3	31.3
35	41.4	36.1
40	**46.9**	**41.3**
45	52.7	46.9
50	59.0	52.9
55	65.7	59.3
60	72.9	66.1
65	80.5	73.4
70	88.7	81.3
75	97.3	89.6
80	106.5	98.5
85	116.2	107.9
90	126.5	117.9
95	137.4	128.5
100	**149.0**	**139.8**
105	161.1	151.7
110	174.0	164.2
115	187.5	177.5
120	201.7	191.5
125	216.7	206.2
130	232.4	221.8
135	248.9	238.1
140	266.3	255.3
145	284.4	273.3
150	303.5	292.3

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	-30.6	-42.4
-35	-11.4	-25.4
-30	11.7	-4.7
-25	39.2	20.2
-20	71.7	49.9
-15	109.8	85.0
-10	154.2	126.1
-5	205.4	173.9
0	264.1	229.0
5	331.0	292.3
10	406.8	364.4
15	492.4	446.1
20	588.5	538.3
25	695.8	641.8
30	815.2	757.4
35	947.5	886.1
40	1093.7	1028.8
45	1254.7	1186.5
50	1431.4	1360.3
55	1624.7	1551.1
60	1835.8	1760.2
65	2065.6	1988.7

Liquid = bubble point (use for subcooling). Vapor = dew point (use for superheat).
°F table: italic " = inches of mercury (inHg) vacuum.
°C table: negative kPa = vacuum.
Rows every 5° plus the first and last row. Every degree is on the website.
Source: manufacturer charts (Chemours). Reference only: always verify with the manufacturer's data and your gauges.