R-407C 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	2.7	*4.6"*
-35	5.1	*0.9"*
-30	7.7	1.6
-25	10.6	3.9
-20	13.7	6.5
-15	17.2	9.3
-10	20.9	12.3
-5	25.0	15.7
0	29.5	19.4
5	34.3	23.5
10	39.5	27.9
15	45.2	32.7
20	51.2	37.9
25	57.7	43.5
30	64.7	49.6
35	72.2	56.1
40	**80.2**	**63.2**
45	88.8	70.7
50	97.9	78.8
55	107.6	87.5
60	117.9	96.8
65	128.9	106.7
70	140.5	117.3
75	152.8	128.5
80	165.8	140.5
85	179.6	153.2
90	194.1	166.7
95	209.4	181.0
100	**225.5**	**196.1**
105	242.4	212.1
110	260.3	229.0
115	279.0	246.9
120	298.6	265.8
125	319.2	285.7
130	340.7	306.6
135	363.3	328.8
140	386.9	352.1
145	411.7	376.6
150	437.5	402.5

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	18.9	-15.7
-35	49.5	8.3
-30	85.8	37.4
-25	128.6	72.1
-20	178.6	113.4
-15	236.6	161.9
-10	303.4	218.5
-5	379.7	284.0
0	466.5	359.4
5	564.7	445.6
10	675.1	543.6
15	798.6	654.3
20	936.3	779.0
25	1089.0	918.7
30	1257.8	1074.6
35	1443.7	1247.9
40	1647.7	1440.0
45	1871.0	1652.3
50	2114.7	1886.4
55	2379.9	2144.1
60	2667.9	2427.4
65	2980.1	2738.6

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