R-507A 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	5.4	5.4
-35	8.1	8.1
-30	11.0	11.0
-25	14.1	14.1
-20	17.6	17.6
-15	21.4	21.4
-10	25.5	25.5
-5	30.0	30.0
0	34.8	34.8
5	40.1	40.0
10	45.7	45.7
15	51.8	51.7
20	58.3	58.2
25	65.3	65.2
30	72.7	72.7
35	80.7	80.7
40	**89.2**	**89.2**
45	98.3	98.3
50	108.0	107.9
55	118.3	118.2
60	129.2	129.1
65	140.7	140.6
70	153.0	152.8
75	165.9	165.8
80	179.6	179.5
85	194.1	193.9
90	209.3	209.1
95	225.4	225.2
100	**242.3**	**242.1**
105	260.1	259.9
110	278.8	278.6
115	298.5	298.3
120	319.2	318.9
125	340.9	340.7
130	363.8	363.5
135	387.8	387.5
140	413.0	412.7
145	439.5	439.2
150	467.4	467.2

°C and kPa (gauge)

°C	Liquid bubble, kPa	Vapor dew, kPa
-40	37.3	37.3
-35	71.4	71.4
-30	111.6	111.5
-25	158.6	158.5
-20	213.2	213.1
-15	276.1	276.0
-10	348.2	348.0
-5	430.2	429.9
0	523.1	522.6
5	627.6	627.0
10	744.7	744.0
15	875.3	874.5
20	1020.5	1019.6
25	1181.3	1180.2
30	1358.7	1357.4
35	1553.9	1552.5
40	1768.3	1766.7
45	2003.1	2001.3
50	2259.9	2258.0
55	2540.5	2538.6
60	2847.3	2845.4
65	3183.4	3181.6

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