R-134a PT Chart

Saturation pressure vs temperature · Safety class A1 · Single component

°F / psig
°C / kPa

°F and psig

°F	Pressure psig
-40	*14.8"*
-35	*12.5"*
-30	*9.8"*
-25	*6.9"*
-20	*3.7"*
-15	0.0
-10	1.9
-5	4.1
0	6.5
5	9.1
10	11.9
15	15.0
20	18.4
25	22.1
30	26.1
35	30.4
40	**35.0**
45	40.1
50	45.4
55	51.2
60	57.4
65	64.0
70	71.1
75	78.7
80	86.7
85	95.2
90	104.3
95	113.9
100	**124.2**
105	135.0
110	146.4
115	158.4
120	171.2
125	184.6
130	198.7
135	213.6
140	229.2
145	245.7
150	262.9

°C and kPa (gauge)

°C	Pressure kPa gauge
-40	-50.1
-35	-35.2
-30	-16.9
-25	5.1
-20	31.4
-15	62.6
-10	99.3
-5	142.0
0	191.5
5	248.3
10	313.3
15	387.0
20	470.4
25	564.1
30	668.9
35	785.7
40	915.3
45	1058.6
50	1216.6
55	1390.2
60	1580.5
65	1788.5

°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), checked against NIST. Reference only: always verify with the manufacturer's data and your gauges.