



SUVA® 407A (R-407A)

PRESSURE-TEMPERATURE GUIDE

| Temperature (°C) | R-22 | SUVA® 407A | |
|------------------|---------------------------|----------------------------------|---------------------------------|
| | Saturated Pressure (barg) | Saturated Liquid Pressure (barg) | Saturated Vapor Pressure (barg) |
| -40 | 0.04 | 0.27 | (0.07) |
| -39 | 0.09 | 0.33 | (0.02) |
| -38 | 0.14 | 0.39 | 0.03 |
| -37 | 0.19 | 0.46 | 0.08 |
| -36 | 0.25 | 0.53 | 0.14 |
| -35 | 0.31 | 0.60 | 0.19 |
| -34 | 0.37 | 0.67 | 0.25 |
| -33 | 0.43 | 0.74 | 0.31 |
| -32 | 0.49 | 0.82 | 0.37 |
| -31 | 0.56 | 0.90 | 0.44 |
| -30 | 0.63 | 0.98 | 0.51 |
| -29 | 0.70 | 1.06 | 0.58 |
| -28 | 0.77 | 1.15 | 0.65 |
| -27 | 0.84 | 1.24 | 0.73 |
| -26 | 0.92 | 1.34 | 0.80 |
| -25 | 1.00 | 1.43 | 0.88 |
| -24 | 1.08 | 1.53 | 0.97 |
| -23 | 1.17 | 1.63 | 1.05 |
| -22 | 1.26 | 1.74 | 1.14 |
| -21 | 1.35 | 1.85 | 1.23 |
| -20 | 1.44 | 1.96 | 1.33 |
| -19 | 1.54 | 2.08 | 1.43 |
| -18 | 1.63 | 2.20 | 1.53 |
| -17 | 1.74 | 2.32 | 1.63 |
| -16 | 1.84 | 2.44 | 1.74 |
| -15 | 1.95 | 2.57 | 1.85 |
| -14 | 2.06 | 2.71 | 1.97 |
| -13 | 2.17 | 2.84 | 2.08 |
| -12 | 2.29 | 2.98 | 2.21 |
| -11 | 2.41 | 3.13 | 2.33 |
| -10 | 2.53 | 3.28 | 2.46 |
| -9 | 2.66 | 3.43 | 2.59 |
| -8 | 2.79 | 3.59 | 2.73 |
| -7 | 2.93 | 3.75 | 2.87 |
| -6 | 3.06 | 3.91 | 3.01 |
| -5 | 3.20 | 4.08 | 3.16 |
| -4 | 3.35 | 4.25 | 3.32 |
| -3 | 3.50 | 4.43 | 3.47 |
| -2 | 3.65 | 4.61 | 3.63 |
| -1 | 3.81 | 4.80 | 3.80 |
| 0 | 3.97 | 4.99 | 3.97 |
| 1 | 4.13 | 5.19 | 4.14 |
| 2 | 4.30 | 5.39 | 4.32 |
| 3 | 4.47 | 5.60 | 4.51 |
| 4 | 4.65 | 5.81 | 4.70 |
| 5 | 4.83 | 6.02 | 4.89 |
| 6 | 5.01 | 6.25 | 5.09 |
| 7 | 5.20 | 6.47 | 5.29 |
| 8 | 5.40 | 6.70 | 5.50 |
| 9 | 5.59 | 6.94 | 5.72 |
| 10 | 5.80 | 7.18 | 5.94 |

| Temperature (°C) | R-22 | SUVA® 407A | |
|------------------|---------------------------|----------------------------------|---------------------------------|
| | Saturated Pressure (barg) | Saturated Liquid Pressure (barg) | Saturated Vapor Pressure (barg) |
| 11 | 6.00 | 7.43 | 6.16 |
| 12 | 6.22 | 7.68 | 6.39 |
| 13 | 6.43 | 7.94 | 6.63 |
| 14 | 6.65 | 8.21 | 6.87 |
| 15 | 6.88 | 8.48 | 7.11 |
| 16 | 7.11 | 8.75 | 7.37 |
| 17 | 7.35 | 9.04 | 7.63 |
| 18 | 7.59 | 9.32 | 7.89 |
| 19 | 7.84 | 9.62 | 8.16 |
| 20 | 8.09 | 9.92 | 8.44 |
| 21 | 8.34 | 10.23 | 8.72 |
| 22 | 8.61 | 10.54 | 9.01 |
| 23 | 8.87 | 10.86 | 9.31 |
| 24 | 9.15 | 11.19 | 9.61 |
| 25 | 9.43 | 11.52 | 9.92 |
| 26 | 9.71 | 11.86 | 10.24 |
| 27 | 10.00 | 12.20 | 10.56 |
| 28 | 10.30 | 12.56 | 10.89 |
| 29 | 10.60 | 12.92 | 11.23 |
| 30 | 10.91 | 13.28 | 11.57 |
| 31 | 11.22 | 13.66 | 11.92 |
| 32 | 11.54 | 14.04 | 12.28 |
| 33 | 11.86 | 14.43 | 12.65 |
| 34 | 12.20 | 14.82 | 13.03 |
| 35 | 12.54 | 15.23 | 13.41 |
| 36 | 12.88 | 15.64 | 13.80 |
| 37 | 13.23 | 16.05 | 14.20 |
| 38 | 13.59 | 16.48 | 14.60 |
| 39 | 13.95 | 16.91 | 15.02 |
| 40 | 14.32 | 17.36 | 15.44 |
| 41 | 14.70 | 17.81 | 15.87 |
| 42 | 15.08 | 18.26 | 16.31 |
| 43 | 15.48 | 18.73 | 16.76 |
| 44 | 15.87 | 19.21 | 17.21 |
| 45 | 16.28 | 19.69 | 17.68 |
| 46 | 16.69 | 20.18 | 18.16 |
| 47 | 17.11 | 20.68 | 18.64 |
| 48 | 17.54 | 21.19 | 19.13 |
| 49 | 17.97 | 21.70 | 19.64 |
| 50 | 18.41 | 22.23 | 20.15 |
| 51 | 18.86 | 22.77 | 20.68 |
| 52 | 19.32 | 23.31 | 21.21 |
| 53 | 19.79 | 23.86 | 21.75 |
| 54 | 20.26 | 24.43 | 22.31 |
| 55 | 20.74 | 25.00 | 22.87 |
| 56 | 21.23 | 25.58 | 23.45 |
| 57 | 21.72 | 26.17 | 24.03 |
| 58 | 22.23 | 26.77 | 24.63 |
| 59 | 22.74 | 27.38 | 25.24 |
| 60 | 23.26 | 28.00 | 25.86 |
| 61 | 23.79 | 28.64 | 26.49 |

Properties calculated using REFPROP Ver. 9.1 Std. Refrigerant Data Program, NIST 2013

NO PART OF THIS MATERIAL MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE WITHOUT THE PRIOR WRITTEN PERMISSION OF DUPONT.

Copyright© 2014 DuPont or its affiliates. All rights reserved. The DuPont Oval Logo, DuPont™ and Suva® are trademarks or registered trademarks of E.I. du Pont de Nemours and Company or its affiliates.

K-28363 (5/14)