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Pressure Temperature Equivalents of Saturated Steam

| Lbs./Sq inch Pressure | Temp | | Lbs./Sq inch Pressure | Temp | | Lbs./Sq inch Pressure | Temp | |
|-----------------------|-------|-------|-----------------------|-------|-------|-----------------------|-------|-------|
| | F° | C° | | F° | C° | | F° | C° |
| 0 | 212.0 | 100.0 | 64 | 310.8 | 154.9 | 170 | 375.3 | 190.7 |
| 5 | 227.1 | 108.4 | 66 | 312.6 | 155.9 | 175 | 377.4 | 191.9 |
| 10 | 239.4 | 115.2 | 68 | 314.2 | 156.8 | 180 | 379.6 | 193.1 |
| 15 | 249.8 | 121.0 | 70 | 316.0 | 157.0 | 185 | 381.7 | 194.3 |
| 20 | 258.8 | 126.0 | 72 | 317.7 | 158.7 | 190 | 383.7 | 195.4 |
| 22 | 261.2 | 127.8 | 74 | 319.3 | 159.6 | 195 | 385.9 | 196.6 |
| 24 | 265.3 | 129.6 | 76 | 320.9 | 160.5 | 200 | 387.9 | 197.7 |
| 26 | 268.3 | 131.3 | 78 | 322.3 | 161.3 | 205 | 398.8 | 198.8 |
| 28 | 271.2 | 132.9 | 80 | 323.8 | 162.1 | 210 | 391.6 | 199.8 |
| 30 | 274.1 | 134.5 | 85 | 327.6 | 164.2 | 215 | 392.9 | 200.5 |
| 32 | 276.8 | 136.0 | 90 | 331.2 | 166.2 | 220 | 395.4 | 201.7 |
| 34 | 279.3 | 137.4 | 95 | 334.6 | 168.1 | 225 | 397.2 | 202.9 |
| 36 | 281.8 | 138.8 | 100 | 337.8 | 169.9 | 230 | 399.0 | 203.9 |
| 38 | 284.4 | 140.2 | 105 | 341.1 | 171.7 | 235 | 400.7 | 204.8 |
| 40 | 286.7 | 141.5 | 110 | 344.1 | 173.4 | 240 | 402.5 | 205.8 |
| 42 | 289.0 | 142.8 | 115 | 347.2 | 175.1 | 245 | 404.2 | 206.8 |
| 44 | 291.2 | 144.0 | 120 | 350.1 | 175.7 | 250 | 406.1 | 207.8 |
| 46 | 293.5 | 145.3 | 125 | 352.9 | 178.3 | 255 | 407.7 | 208.7 |
| 48 | 295.5 | 146.4 | 130 | 355.6 | 179.8 | 260 | 409.4 | 209.7 |
| 50 | 297.7 | 147.6 | 135 | 358.3 | 181.3 | 265 | 411.0 | 210.6 |
| 52 | 299.9 | 148.7 | 140 | 360.9 | 182.7 | 270 | 412.6 | 211.4 |
| 54 | 301.6 | 149.8 | 145 | 363.4 | 184.1 | 275 | 414.2 | 202.3 |
| 56 | 303.6 | 150.9 | 150 | 365.9 | 185.5 | 280 | 415.7 | 213.2 |
| 58 | 308.4 | 151.9 | 155 | 368.2 | 186.8 | 300 | 421.0 | 216.1 |
| 60 | 307.4 | 153.0 | 160 | 370.6 | 188.1 | 350 | 436.5 | 224.7 |
| 62 | 309.2 | 154.0 | 165 | 373.9 | 189.4 | | | |

Steam pressure determines the minimum temperature condition under which the hose can function.
Operating temperature is a very important factor in selecting a steam hose for safety & hose life.