★ BAILIFF ENTERPRISES, INC. ★

# STRAPPING CHART

## 5,000 GALLON POLYPROPYLENE DOUBLE WALL VERTICAL TANK · VTBDC05000-102

| Listed capacity | Outer diameter | Inner tank | Inner diameter | Inner sidewall | Gallons per inch |
|---|---|---|---|---|---|
| 5,000 gal | 102" | VTB05000-95 | 95" | 161" | 30.36 |

| Depth (in) | Gallons | Depth (in) | Gallons | Depth (in) | Gallons | Depth (in) | Gallons |
|---|---|---|---|---|---|---|---|
| **1** | 30 | **41** | 1,245 | **81** | 2,459 | **121** | 3,674 |
| **2** | 61 | **42** | 1,275 | **82** | 2,490 | **122** | 3,704 |
| **3** | 91 | **43** | 1,306 | **83** | 2,520 | **123** | 3,735 |
| **4** | 121 | **44** | 1,336 | **84** | 2,550 | **124** | 3,765 |
| **5** | 152 | **45** | 1,366 | **85** | 2,581 | **125** | 3,795 |
| **6** | 182 | **46** | 1,397 | **86** | 2,611 | **126** | 3,826 |
| **7** | 213 | **47** | 1,427 | **87** | 2,642 | **127** | 3,856 |
| **8** | 243 | **48** | 1,457 | **88** | 2,672 | **128** | 3,886 |
| **9** | 273 | **49** | 1,488 | **89** | 2,702 | **129** | 3,917 |
| **10** | 304 | **50** | 1,518 | **90** | 2,733 | **130** | 3,947 |
| **11** | 334 | **51** | 1,549 | **91** | 2,763 | **131** | 3,978 |
| **12** | 364 | **52** | 1,579 | **92** | 2,793 | **132** | 4,008 |
| **13** | 395 | **53** | 1,609 | **93** | 2,824 | **133** | 4,038 |
| **14** | 425 | **54** | 1,640 | **94** | 2,854 | **134** | 4,069 |
| **15** | 455 | **55** | 1,670 | **95** | 2,884 | **135** | 4,099 |
| **16** | 486 | **56** | 1,700 | **96** | 2,915 | **136** | 4,129 |
| **17** | 516 | **57** | 1,731 | **97** | 2,945 | **137** | 4,160 |
| **18** | 547 | **58** | 1,761 | **98** | 2,976 | **138** | 4,190 |
| **19** | 577 | **59** | 1,791 | **99** | 3,006 | **139** | 4,220 |
| **20** | 607 | **60** | 1,822 | **100** | 3,036 | **140** | 4,251 |
| **21** | 638 | **61** | 1,852 | **101** | 3,067 | **141** | 4,281 |
| **22** | 668 | **62** | 1,882 | **102** | 3,097 | **142** | 4,312 |
| **23** | 698 | **63** | 1,913 | **103** | 3,127 | **143** | 4,342 |
| **24** | 729 | **64** | 1,943 | **104** | 3,158 | **144** | 4,372 |
| **25** | 759 | **65** | 1,974 | **105** | 3,188 | **145** | 4,403 |
| **26** | 789 | **66** | 2,004 | **106** | 3,218 | **146** | 4,433 |
| **27** | 820 | **67** | 2,034 | **107** | 3,249 | **147** | 4,463 |
| **28** | 850 | **68** | 2,065 | **108** | 3,279 | **148** | 4,494 |
| **29** | 881 | **69** | 2,095 | **109** | 3,310 | **149** | 4,524 |
| **30** | 911 | **70** | 2,125 | **110** | 3,340 | **150** | 4,554 |
| **31** | 941 | **71** | 2,156 | **111** | 3,370 | **151** | 4,585 |
| **32** | 972 | **72** | 2,186 | **112** | 3,401 | **152** | 4,615 |
| **33** | 1,002 | **73** | 2,216 | **113** | 3,431 | **153** | 4,646 |
| **34** | 1,032 | **74** | 2,247 | **114** | 3,461 | **154** | 4,676 |
| **35** | 1,063 | **75** | 2,277 | **115** | 3,492 | **155** | 4,706 |
| **36** | 1,093 | **76** | 2,308 | **116** | 3,522 | **156** | 4,737 |
| **37** | 1,123 | **77** | 2,338 | **117** | 3,552 | **157** | 4,767 |
| **38** | 1,154 | **78** | 2,368 | **118** | 3,583 | **158** | 4,797 |
| **39** | 1,184 | **79** | 2,399 | **119** | 3,613 | **159** | 4,828 |
| **40** | 1,215 | **80** | 2,429 | **120** | 3,644 | **160** | 4,858 |

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# STRAPPING CHART

## 5,000 GALLON POLYPROPYLENE DOUBLE WALL VERTICAL TANK · VTBDC05000-102

| Depth (in) | Gallons | Depth (in) | Gallons | Depth (in) | Gallons | Depth (in) | Gallons |
|---|---|---|---|---|---|---|---|
| 161 | 4,888 | | | | | | |

**How to read it:** the liquid is held in the inner tank (VTB05000-95, 95" diameter). Measure the liquid depth straight down from the surface to the inside bottom of the inner tank, in inches, and read the gallons beside it. The chart runs to the top of the inner tank's straight sidewall (161", in red). The listed 5,000 gallons includes part of the inner tank's dome; at the top of its straight sidewall the inner tank holds about 4,888 gallons.

**Above the sidewall:** the dome above the straight wall holds more, and the tank may be filled "brim full" with care. That extra volume is not charted.

**Accuracy:** calculated from the inner tank's dimensions with a nominal 1/4" wall. Polypropylene can expand or contract about 2% (mostly with temperature), and wall thickness varies from tank to tank, so actual volume can differ from this chart by a few percent. The first inch near the bottom corner holds slightly less than shown. Use the chart as a close guide, not for custody transfer or billing.

Outer tank VTBDC05000-102 (102" diameter, 175" overall height, Bailiff drawing VTBDC05000-102.pdf). Inner tank sizes from the Bailiff drawing for VTB05000-95. All dimensions in inches.

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