



Drum Capacity:

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Case #1:

Inputs:

Wire Size (diameter):	0.32	inches
Drum Core Diameter:	14	inches
Drum Flange Diameter:	30	inches
Width Between Flanges:	34.5	inches

Outputs:

The following calculations are for:

SMOOTH SPOOLED WIRELINE:

Number of Wraps per Row:	107
Number of Rows:	28
Total Capacity of Drum:	17060 Feet 5200 Meters

ROUGH (STRAIGHT STACK-UP) SPOOLED WIRELINE:

Number of Wraps per Row:	107
Number of Rows:	24
Total Capacity of Drum:	14575 Feet 4442 Meters

Case #2:

Inputs:

Wire Size (diameter):	0.38	inches
Drum Core Diameter:	14	inches
Drum Flange Diameter:	30	inches
Width Between Flanges:	34.5	inches

Outputs:

The following calculations are for:

SMOOTH SPOOLED WIRELINE:

Number of Wraps per Row:	90
Number of Rows:	24
Total Capacity of Drum:	12377 Feet 3772 Meters

ROUGH (STRAIGHT STACK-UP) SPOOLED WIRELINE:

Number of Wraps per Row:	90
Number of Rows:	21
Total Capacity of Drum:	10876 Feet 3315 Meters