

## CUBIC YARDS PER LINEAR FOOT

12"	0.029
18"	0.066
20"	0.073
24"	0.116
30"	0.182
36"	0.262
42"	0.356
48"	0.465
54"	0.589
60"	0.727
66"	0.88
72"	1.047
78"	1.229
84'	1.425
90"	1.636
96"	1.862
102"	2.094
108"	2.356
144"	2.625
120"	2.909
132"	3.52
138"	3.84
144"	4.189
150"	4.545
156"	4.916
162"	5.31

## ASTM STANDARD REINFORCING BARS

<b>BAR SIZE DESIGN</b>	<b>AREA SQ. IN.</b>	<b>WEIGHT LBS./FT.</b>	<b>DIAM.IN. INCHES</b>
#3	0.11	0.376	0.375
#4	.02	0.668	0.5
#5	0.31	1.043	0.625
#6	0.44	1.502	0.75
#7	0.6	2.044	0.875
#8	0.79	2.67	1
#9	1	3.4	1.128
#10	1.27	4.303	1.27
#11	1.56	5.313	1.41
#14	2.25	7.65	1.693
#18	4	13.6	2.257



WEIGHT / LF OF CASING	WALL THICKNESS	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
DIAM									
18"		24	47	72	96				
24"		31	63	95	127				
30"		39	78	118	158				
36"		47	94	142	189	238	286		
42"		55	110	165	221	277	333		
48"		62	125	188	252	315	380		
54"		70	141	212	283	354	426	498	
60"		78	156	235	314	393	473	553	
66"		86	172	258	345	432	520	607	
72"		94	187	282	376	471	566	662	758
78"		101	203	305	407	510	613	716	820
84"		109	219	328	439	549	660	771	882
90"		117	234	352	470	588	706	825	945
96"		125	250	375	501	627	753	880	1,007
102"					523	666	800	934	1,069
108"					563	705	847	989	1,131
114"					594	744	893	1,043	1,194
120"					625	783	940	1,098	1,256

**FORMULA FOR ODD SIZE CASING:**

**(OD" + WT") x WT" x 10.38 x LENGTH'**

**Example: OD CASING WITH 3/8" WALL THICKNESS X 20' LONG**

$$(24 + .375) \times .375 \times 10.38 \times 20$$

$$24.375 \times .375 \times 10.38 \times 20$$

$$9.14 \times 10.38 \times 20$$

$$94.87 \times 20$$

$$1,897$$