

CALCULATIONS FOR THE WEIGHT OF THE LADDER TRUSS

SCHEDULE 40 PIPE (OD: 1.5"):

21' PIPE x 2 PIPES = 42' x 2.72 LBS/FT = 114.24 LBS

STEEL FLAT BAR (9" x 2" x .25"):

(9" x 2") x 5 PLATES = (90" x 1FT/12") x 10.20 LBS/FT = 76.50 LBS

TOTAL WEIGHT OF THE LADDER TRUSS:

114.24 LBS **SCHEDULE 40 PIPE** + 76.50 LBS **STEEL PLATE**

= 190.74 LBS

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