

# Re: Formula not working

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*Source:*

<http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.worksheet.functions/2007-07/msg00932.html>

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- *From:* Excluxe <[Excluxe@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Excluxe@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 12 Jul 2007 06:36:05 -0700
- 

So this is getting to what need I just can't get to work though. I just get no match. My data is on sheet 3 in columns a and b. I have this into the formula and it still doesn't work. Also I would like to apologize I grabbed, by mistake, an older formula that wasn't completely down which is why it appeared that numbers were missing. When complete though the formula that I posted still didn't work.

Here is my data

A	B	C
6x6x4	7.35	14.55
8x8x4	9.05	18.40
10x10x4	12.70	24
12x12x4	14.35	28
14x14x4	20.50	46.50
16x16x4	32.50	58
18x18x4	41	91
20x20x4	44.50	116
22x22x4	50	132
24x24x4	53	144

Then using a pull down list in L74 it should be able to choose which pricing column to use either b or c then match it to the size that i pick from a pull down menu in column G74

Which what your formula does I believe but I can't get to work.

Once again sorry about the formula screw up.

"Toppers" wrote:

Create a table as below: as the data appears to be the same for Spiral..." and "Steel ..." you only need columns A & B : C is redundant.

As noted by other respondents, the table elements don't match: I've just copied as you had them.

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On Sheet1 (change in formula if not this sheet)

A B C

6x6x4 7.35 7.35

8x8x4 9.05 9.05

10x10x4 12.70 12.70

12x12x4 14.35 14.35

14x14x4 20.50 20.50

16x16x4 32.50 32.50

18x18x4 41.00 41.00

20x20x4 44.50 44.50

24x24x4 50.00 50.00

53.50 53.50

60.00

Then ...

```
=IF(OR(L74="Spiral Preformed steel galv straight lengths",L74="Steel PVC coated both sides straight lengths"),IF(ISNA(VLOOKUP(G47,Sheet1!A:B,2,0)),"No match",VLOOKUP(G47,Sheet1!A:B,2,0)),"")
```

IF L74 can only be the above values, the test for L74 is also redundant.

HTH

"Greg Wilson" wrote:

I know. The comment was characterized as being "in addition to what has already been pointed out" and was "just academic since I agree with toothless mama". There's also value in knowing that the formula is structurally flawed.

I never mentioned it, but I was thinking Match and Index since the ascending sort order isn't obvious and may get changed in the future – and screwed up in the process.

Regards,  
Greg

"T. Valko" wrote:

That formula still won't work properly. As Toppers pointed out, the lookup\_vector *must* be sorted ascending. Place all the size elements in a range of cells and then do an ascending sort on them and see how Excel sorts them.

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Biff  
Microsoft Excel MVP

"Greg Wilson"  
<GregWilson@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in  
message  
[news:4D8F4EC3-1C46-4ECB-B1BD-FE1C928B8DDC@xxxxxxxxxxxxxxxxxxxx](mailto:news:4D8F4EC3-1C46-4ECB-B1BD-FE1C928B8DDC@xxxxxxxxxxxxxxxxxxxx)

So has the problem been solved?

FWIW, I have the formula as structurally  
flawed in addition to what has  
already been pointed out. The structure of  
the second (nested) IF function  
is

as follows (with text and array contents  
abbreviated):

```
IF(L74="Steel...",LOOKUP(G74,{"6x6x4","8x8x4","10x10x4"}),{7.35,9.05,12.7})
```

Note how the last array containing numbers  
is actually the third argument

of  
the IF function and not the third argument of  
the LOOKUP function.

The following achieves what I assume is  
your intention. The array of  
numbers  
is converted to the third argument of the  
LOOKUP function and the third  
argument of the IF function is "No result"  
(change to suit).

```
=IF(L74="Spiral...",LOOKUP(G74,{"6x6x4","8x8x4","10x10x4","12x12x4","14x14x4"},{"No result"}))
```

However, the above is just academic since I  
agree with toothless mama and  
think it should be rewritten altogether. Also,  
as pointed out by T. Valco,  
you have more elements in the numeric  
arrays than in the size arrays.

Greg

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