

### Application :

Building wiring for installation on insulator or in raceway, dry and wet location.

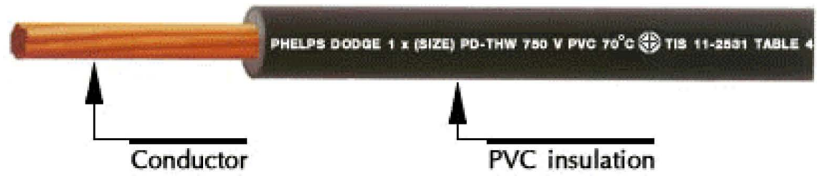
### Classification :

Maximum conductor temperature 70°C Circuit voltage does not exceed 750 volts.

### Equivalent :

TIS 11-2531 TABLE 4

## PHELPS DODGE CONDUCTOR PD-THW (MEA TYPE A) 750 V 70°C PVC INSULATED SINGLE CORE



### Construction :

- Conductor : Annealed copper, solid or stranded  
Sizes 0.5 mm<sup>2</sup> up to 500 mm<sup>2</sup>
- Insulation : Heat resistance polyvinyl chloride (Any colour as requested)

PHELPS DODGE TYPE LETTER	Nominal sectional area mm <sup>2</sup>	Number & diameter of wire No. / mm	Thickness of insulation mm	Overall diameter mm	Allowable ampacities Free Air 40°C A	Minimum insulation resistance at 70°C MΩ - km	Cable weight (approx) kg / km	Standard Packing m
0.5 PD-THW	0.5	1/0.80	0.8	3.0	11	0.0175	11	100/C
1 PD-THW	1	1/1.13	0.8	3.3	16	0.0141	17	100/C
1 PD-THW	1	7/0.40	0.8	3.5	16	0.0135	17	100/C
1.5 PD-THW	1.5	1/1.38	0.8	3.6	21	0.0123	22	100/C
1.5 PD-THW	1.5	7/0.50	0.8	3.8	21	0.0116	22	100/C
2.5 PD-THW	2.5	1/1.78	0.8	4.0	29	0.0102	31	100/C
2.5 PD-THW	2.5	7/0.67	0.8	4.3	29	0.0093	31	100/C
4 PD-THW	4	1/2.25	0.9	4.8	39	0.0094	50	100/C
4 PD-THW	4	7/0.85	0.9	5.2	39	0.0085	50	100/C
6 PD-THW	6	7/1.04	0.9	5.8	51	0.0073	75	100/C
10 PD-THW	10	7/1.35	1.1	7.2	70	0.0069	120	100/C
16 PD-THW	16	7/1.70	1.1	8.4	96	0.0057	180	100/C

C = Packing in coil  
R = Packing in reel

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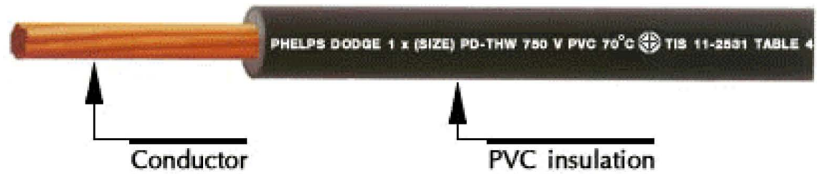
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25 PD-THW	25	7/2.14	1.3	10.5	127	0.0054	290	100/C
35 PD-THW	35	19/1.53	1.3	11.5	157	0.0047	380	100/C
50 PD-THW	50	19/1.78	1.5	13.5	191	0.0046	540	500/R
70 PD-THW	70	19/2.14	1.5	15.5	244	0.0039	720	500/R
95 PD-THW	95	19/2.52	1.7	18.0	297	0.0038	1,000	500/R
120 PD-THW	120	37/2.03	1.7	19.5	345	0.0034	1,240	500/R
150 PD-THW	150	37/2.25	1.9	21.5	397	0.0034	1,520	500/R
185 PD-THW	185	37/2.52	2.1	24.0	453	0.0034	1,900	500/R
240 PD-THW	240	61/2.25	2.3	27.0	535	0.0033	2,480	500/R
300 PD-THW	300	61/2.52	2.5	30.0	617	0.0032	3,100	500/R
400 PD-THW	400	61/2.85	2.7	33.5	741	0.0030	3,950	500/R
500 PD-THW	500	61/3.20	3.1	38.0	854	0.0031	5,150	500/R

C = Packing in coil

R = Packing in reel