

PVC Insulated Multistrand Wires

Insulating Material PVC

General characteristics

Good electrical properties with medium to good flexibility and good age resistance.

Resistance to environmental influences

Medium to good UV resistance depending on colour.

Typical application

Universal use for test leads and wiring with medium mechanical stress and a good cost-benefit ratio.

Used for the following wire types

FlexiVolt..., FlexiStrom..., FLEXI-...

| Technical specifications | |
|---|----------------------|
| Temperature range (permanent, fully flexible) | -10 °C ... +70 °C |
| Maximum elongation | 280 % |
| Tear strength | 15 N/mm ² |
| Hardness | 70 Shore A |

FlexiVolt-2V

Highly flexible stranded wire with reinforced, double-layer insulation for the highest safety (inside natural or white, outside coloured). Damage to the outer layer of insulation can be more easily recognised due to the different colour of the underlying layer.

Typical Application

Manufacture of test leads and external wiring of movable elements.



| Order No. | Type | Nominal cross section | Strand design | Weight of cable | Conductor diameter | Thickness insulation wall | Outer diameter | Rated voltage | Test voltage | Rated current | Certification marks | * Colours | | | | | | | | | |
|-------------|--------------|-----------------------|---------------|-----------------|--------------------|---------------------------|----------------|---------------|--------------|---------------|---------------------|--|----|----|----|----|----|----|----|--|----|
| | PVC | mm ² | n x Ø mm | kg/km | mm | mm | mm | V | V AC | A | | | | | | | | | | | |
| 60.7030-□□* | FLEXI-2V 1,0 | 1,0 | 259 x 0,07 | 23 | 1,4 | 1,25 | 3,9 | 1500 | 8000 | 19 | | <table border="1"> <tr> <td>21</td> <td>22</td> <td>23</td> </tr> <tr> <td>24</td> <td>25</td> <td>26</td> </tr> <tr> <td>27</td> <td></td> <td>29</td> </tr> </table> | 21 | 22 | 23 | 24 | 25 | 26 | 27 | | 29 |
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| 27 | | 29 | | | | | | | | | | | | | | | | | | | |