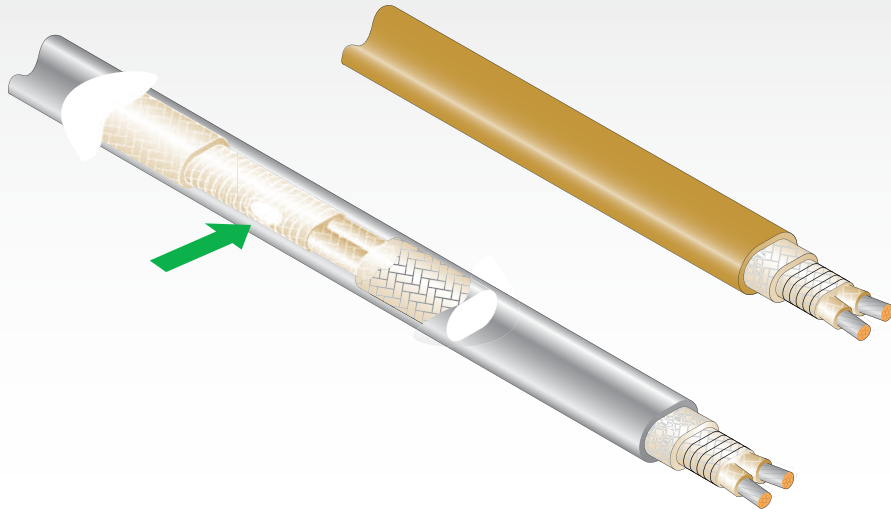


Technical Data Sheet - TES/P/301



Node Location Method

Power Heat Cables:

AHT
PHT
RHT



Note: Although the pictorial instructions show an aluminium-sheathed cable the steps can also be used for polymer coated cables (PHT).

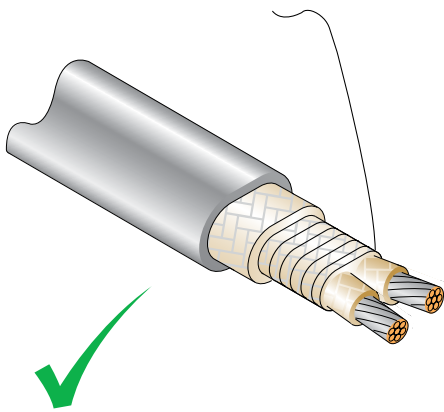
Made in the UK

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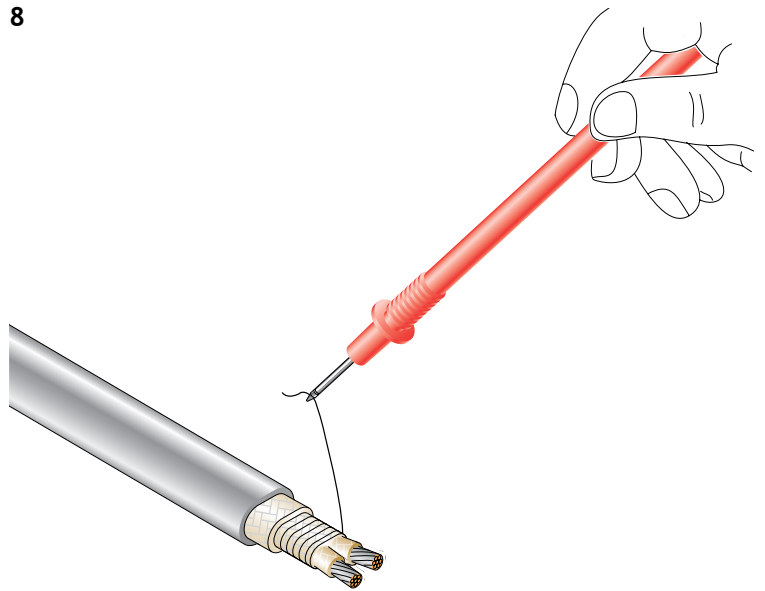
The following steps describe how to locate the first and last node points when using AHT, PHT & RHT heating cable.

<p>1</p> <p>Measure 20mm from end of cable and using a stanley knife, score around aluminium outer jacket.</p>	<p>2</p> <p>Bend up and down to snap off the aluminium jacket as indicated.</p>	<p>3</p> <p>Slide off Aluminium.</p>
<p>4</p> <p>Peel back and cut away outer glass/mica insulation to locate the element wire.</p>	<p>5</p> <p>Unravel 4-5 spirals of element wire from around the insulated core.</p>	<p>6</p> <p>Peel back and cut away outer glass/mica insulation to expose the two conductors.</p>

7

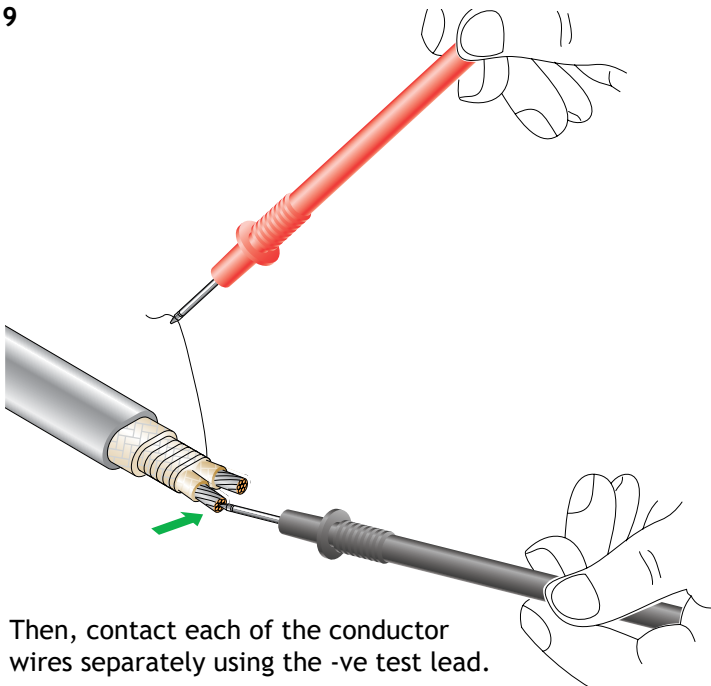


8



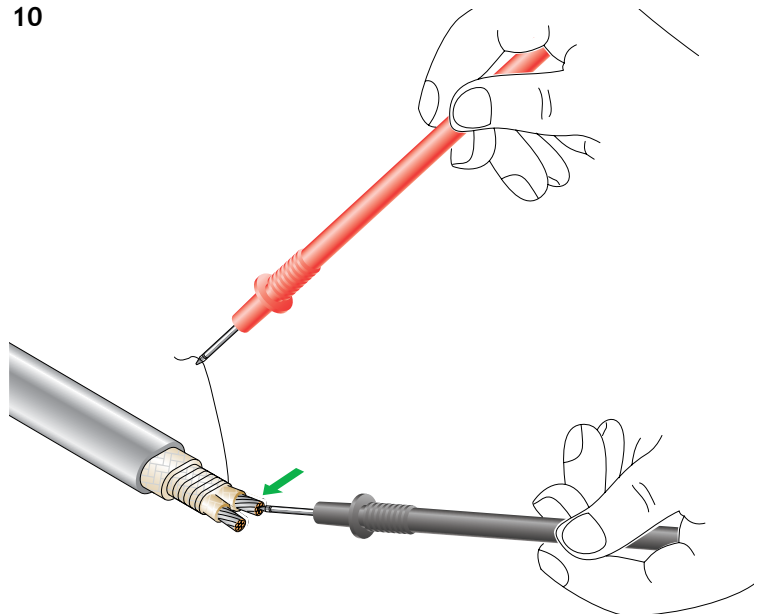
Using a standard electrical multi-meter, connect the +ve test lead to the end of the element wire.

9



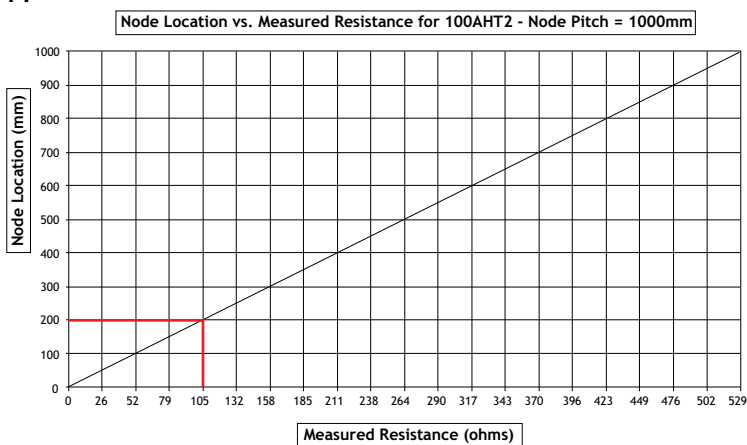
Then, contact each of the conductor wires separately using the -ve test lead.

10



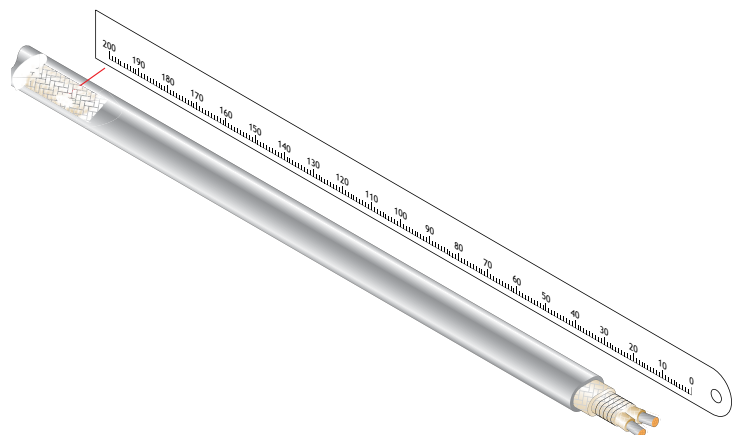
One of the two conductor wires will display a significantly lower electrical resistance value.

11



Make a note of the lower of the two electrical resistance readings. Then refer to the correct product chart, making a note of the corresponding node location value.

12



Using a tape measure, you are now able to determine the location of the first and last node, in relation to the end of the heating cable.