



pH MEASURING TAPE™

DESCRIPTION

pH MEASURING TAPE measures the negative logarithm of the effective hydrogen-ion concentration or hydrogen-ion activity in gram equivalents per liter of aqueous solutions used in expressing both acidity and alkalinity on a scale whose values run from 0–14 with 7 representing neutrality, numbers less than 7 increasing acidity, and numbers greater than 7 increasing alkalinity.

ADVANTAGES AND CHARACTERISTICS

- ◆ Round shape plastic tape holder with removable head.
- ◆ Includes a 0–14 built-on color indicator/test evaluation table.
- ◆ 4.8m of paper tape (yellow color) - sufficient for 120 tests approximately.
- ◆ Tape is easy to pull and cut, thus achieving quick and easy results.
- ◆ Carton box packaging for extra protection.

PACKAGING

Order Number : 700201

Container : Carton Box

TESTING PROCEDURE

1. Tear off a strip of paper measuring tape and insert for a few seconds into the solution that is to be tested. In cases with highly viscous or stained liquids and suspensions, the substance should be dripped onto the paper tape.
2. The wet paper tape should now be compared with the color scale.
3. Note that possible discoloration of the dry new papers may be caused by their high sensitivity against pH action. This does not impair the efficacy of the measuring paper tapes for pH determinations.
4. With very weak buffered or non-buffered solutions, the so-called indicator error occurs. This may be compensated up to a certain point in the following manner: Place the paper tape against the inner wall of the test tube, fill the test tube with the liquid solution, enough so, that the liquid reaches to the top edge of the paper strip. Leave the test paper in the test tube and let it stand submerged for approximately 30 to 60 seconds. At the end, compare the color of the test paper with the color scale through the test tube glass.



TEST RESULTS EVALUATION CHART

0 Absolute Acidic	<<<<<<	<<<<<	<<<<	<<<	<<	<	7 Neutral	>	>>	>>>	>>>>	>>>>>	>>>>>>	14 Absolute Alkaline
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 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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