

pH Indicator and Test Papers

Whatman offers a range of pH indicator and test papers to meet your specific needs. Made with traditional Whatman quality, these products combine ease-of-use with unsurpassed accuracy and consistency.

Features and Benefits

- Instant pH readings
- Accurate for a wide range of routine pH testing
- Inexpensive
- Convenient and portable for field use



pH Indicators

Strips Type CF

Individual plastic support strips carry four different segments of dye-impregnated indicator papers. The resulting combination of color differences gives an extremely clear and accurate visual pH value. All the dyes are chemically bonded to the paper and cannot be leached into solution; problems associated with contamination of the sample and resultant anomalous readings are avoided.

Strips Type CS

Each test strip has a central segment of indicator dye and, printed alongside, 8 or more different color segments marked with corresponding pH values for matching purposes. The pH test value can be read off by direct comparison of the test strip color and the color bars. Ideal for colored solutions, when any changes in color of the paper stock are automatically cancelled out.

Dispensers Type TC

The strip has 3 separate indicator dye color bands. The unique combination of color change resulting from each test is compared with the color-coded comparison chart, printed on the dispenser, giving improved speed and accuracy in reading.

Dispensers Type SR

A full range and some narrow ranges in this popular pH indicator dispenser.

Indicator Books

The book format is particularly suitable for educational and industrial use. In schools they are economical because the amount of paper per student can be carefully controlled.

Acid-Alkali Test Papers

Litmus Blue and Litmus Red

These easy-to-use test papers facilitate a general test for acid or alkaline reaction. The change occurs around pH 5–8. They are particularly recommended for educational use.

Congo Red

This test paper changes color from blue to red in the range pH 3–5 for the determination of neutralization point in strong acid/weak alkali reactions.

Phenolphthalein

This white paper changes to pink at pH 8.3 and becomes red at pH 10. It is useful for the determination of the neutralization point in weak acid/strong alkali reactions.

Specialized Test Papers

Lead Acetate Test Paper

Used for detecting hydrogen sulfide, this rapid qualitative test paper when wetted with distilled water can detect as little as 5 ppm of H₂S in the atmosphere or in a gas stream. Hydrogen peroxide can be detected with this paper by pre-blackening the paper in H₂S. Concentrations as low as 4 ppm can be detected.

Potassium Iodide Test Paper

Used for detecting chlorine and other oxidizing agents. In acid solution, oxidizing agents react with the iodide in the test paper to liberate iodine. The paper will turn blue in the presence of an oxidizing agent (e.g., Cl₂, Br₂, H₂O₂, HNO₃, etc.).

Ordering Information

Catalog Number	Type	Description	pH Range	pH Unit Graduation	Dimensions	Packaging
pH Indicator Papers						
Strips						
2613-991	CF	Color Bonded	0–14	1.0	6 mm x 80 mm	Pack of 100 Strips
2614-991	CF	Color Bonded	4.5–10.0	0.5	6 mm x 80 mm	Pack of 100 Strips
2612-990	CS	Integral Comparison Strip	1.0–12.0	1.0	11 mm x 100 mm	Pack of 200 Strips
2626-990	CS	Integral Comparison Strip	1.8–3.8	0.2–0.3	11 mm x 100 mm	Pack of 200 Strips
2627-990	CS	Integral Comparison Strip	3.8–5.5	0.2–0.3	11 mm x 100 mm	Pack of 200 Strips
2628-990	CS	Integral Comparison Strip	5.2–6.8	0.2–0.3	11 mm x 100 mm	Pack of 200 Strips
2629-990	CS	Integral Comparison Strip	6.0–8.1	0.3	11 mm x 100 mm	Pack of 200 Strips
2630-990	CS	Integral Comparison Strip	8.0–9.7	0.2–0.3	11 mm x 100 mm	Pack of 200 Strips
2631-990	CS	Integral Comparison Strip	9.5–12.0	0.5	11 mm x 100 mm	Pack of 200 Strips
Dispensers						
2611-628	TC	Three Colors	1.0–11.0	1.0	7 mm x 5 m	Pack of 1 Dispenser
2600-100A	SR	Standard Full Range	1.0–14.0	1.0–2.0	7 mm x 5 m	Pack of 1 Dispenser
2600-101A	SR	Standard Narrow Range	0.5–5.5	0.5–1.0	7 mm x 5 m	Pack of 1 Dispenser
2600-102A	SR	Standard Narrow Range	4.0–7.0	0.5	7 mm x 5 m	Pack of 1 Dispenser
2600-103A	SR	Standard Narrow Range	6.0–8.0	0.5	7 mm x 5 m	Pack of 1 Dispenser
2600-104A	SR	Standard Narrow Range	8.0–10.0	0.5	7 mm x 5 m	Pack of 1 Dispenser

Ordering Information

Catalog Number	Description	Packaging
Acid Alkali Test Papers		
Dispensers		
2600-201A	Litmus Blue	Pack of 1 Dispenser 7 mm x 5 m
2600-202A	Litmus Red	
2600-203A	Congo Red	
2600-204A	Phenolphthalein	
Books		
2600-500	pH Indicator Booklet pH 1–11	10 per Booklet
2600-601	Litmus Blue	Carton of 10 Packs of 10 Books 20 Leaves per Book
2600-602	Litmus Red	
Specialized Test Papers		
Dispensers		
2602-501A	Lead Acetate	Pack of 1 Dispenser 7 mm x 5 m
2602-500A	Potassium Iodide	

