Email : sales@scilabexport.com
Phone: +91-7082934803

**Product Name :**

Spotting Tiles, Plastic

**Product Code :**

SLE/CH/227



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# Description :

**Spotting Tiles, Plastic** (Product Code: SLE/CH/227) are white high-density polyethylene tiles, each moulded with 12 cavities that hold approximately 1.5ml with a top diameter of 21mm. The white surface makes small colour changes easy to see, so a few drops of reagent in each wellare enough for spot tests, indicator comparisons and drop-scale reactions. Using drops instead oftest tubes cuts chemical use and washing-up, which is why spotting tiles appear in almost every chemistry teaching kit for schools and colleges. They come in packs of 10 and are manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

## Specifications

| Parameter | Detail |
|---|---|
| Material | Polyethylene (high-density) |
| Colour | White |
| Number of cavities | 12 |
| Well volume | 1.5ml approx. |
| Top diameter of well | 21mm |
| Pack | Pack of 10 |

## Typical Use

A class can place a drop of each test solution in a row of wells and add universal indicator to all of them, producing a colour series from acidic to alkaline on one tile. The same layout suits testing for starch with iodine, comparing the reaction of metals with dilute acid on a drop scale, or running confirmatory ion tests in a salt analysis sequence. With 12 wells per tile, a group can run a full set of samples alongside a control, and a pack of 10 tiles covers ten groups at once in a school chemistry lab.

Label the rows and columns on a sheet placed under the tile so results can be recorded, and add reagents with a dropper or microchemistry pipet to keep volumes small. Rinse the tile with water straight after use and clean the wells with a soft brush. Keep the tiles away from flames and hot plates, and do not place hot glassware on them.

## Manufacturer

Spotting tiles in this range are produced by Jain Scientific Equipments Private Limited, the Ambala, Haryana manufacturer that sells its teaching apparatus as ScienceLab to schools, colleges and distributors. More about us is on the ScienceLab profile.

## Related Chemistry Lab Equipment

Items used with spotting tiles in drop-scale chemistry: