

TECHNICAL INFORMATION

Repulable Evidence Tape Catalog No. RET001

INTRODUCTION

Hair and fiber evidence are often the only link between a crime and its perpetrator—and they are all too often overlooked.

It is a well established fact that the most useful types of physical evidence are microscopic. This microparticle evidence persists at the crime scene long after the visible and obvious evidence has been removed.

Evidence vacuum sweepers can process larger areas in a short period of time, but can collect too much extraneous material in certain situations. No. RET001 Repulable Evidence Tape offers the solution.



PRECAUTIONS

- If Methanol is to be used by the technician, consult the appropriate Material Safety Data Sheets (MSDS) found on our website at www.sirchie.com and click on MSDS.
- Methanol is toxic and highly flammable.

PROCEDURE

Repulable Evidence Tape features an adhesive that will dissipate in water or methanol (check with your crime lab—often, labs request the tape itself). As the adhesive dissipates, hair or fiber evidence will float to the top or sink to the bottom and is then recovered after filtering. The tape is 3" (7.6cm) wide and 180' (54.9m) long.

To use, pull out a strip approximately 12' (30cm) long. Stick the tape to itself to form a circle (adhesive side out). Briskly pat the surface under suspicion, revolving the tape until the entire surface has been covered. If your crime lab is to process the tape, contact them for the preferred method of transmittal. If you are to process the tape, shorten the circle so that it will fit in the plastic jar provided. Fill the jar with either water or methanol. Immerse the tape in the solution, close and agitate the jar.

Tests have shown that methanol is the quickest, most effective means of dissolving the adhesive. With intermittent agitation, the adhesive should completely dissolve with one hour, leaving any microparticle evidence in the alcohol solution*. Carefully remove the backing material and dispose of it. Filter and examine.

**NOTE: The backing material will not be affected by the solution.*