

KNOW HOW

WHAT IS FLOCKING?

The process involves applying short monofilament fibers, usually nylon/rayon directly on to a substrate that has been previously coated with an adhesive.

The diameter of the individual flock strand is only a few thousandths of a centimeter and ranges in length from 0.05 to 5mm. The adhesive that capture the fibers must have the same flexibility and resistance to wear as the substrate. The flocking process requires a special equipment that charges the flock particles causing them to stand erect. The fibers are anchored into the adhesive at right angles to the substrate. The application is both durable and permanent. Flock finds its application on various items such as; glass, metal, paper, plastics, rubber, textile items and wood.

FACTS YOU SHOULD KNOW

The Electrostatic Flock printing process is the latest flocking technology today. Flocking by our Art-O-Flock flocking equipment is as simple as ABC.

The flocking equipment consists of an electrostatic unit and a flock agitator. The electrostatically charged flock particles fall from the flock agitator and stick vertically erect on the glued surface which results into a beautiful velvet finished surface. The excess flock particles which have not stuck (loose) are attracted back into the flock agitator hence a clean result is obtained.

FLOCKING BY ELECTROSTATIC PROCESS

Only electrostatic flocking process can fix flock particles vertically erect which give sharp results which can also be obtained in high flocked density which adds charm to product. Such results are impossible by hand process, as the flock particles do not stick vertically.

WHAT CAN BE FLOCKED

Anything which can be silked screened or sprayed with adhesive, like textile fabrics sarees, Dress material, T-shirts, Hosiery Garments, vacuum formed false ceiling packaging inserts, jewellery boxes, P.V.C bindi briefcase, P.V.C. shoes, EVA footwear, automobile rubber & EPDM (channels) profiles foam rubber, wall papers, plastics, wood, metal, leather, fibre glass, rubber, papers, thermocole, greetings & wedding cards, toys, games and novelty items. In short think of anything and you can give a velvet finish to it.