


KGS METALLISED FABRICS
for Multicolor Flocking

KGS metallized fabrics are high precision electrolytically metallized mesh fabrics made from low elongation monofilament polyester fibers, as commonly used non metallized for screen printing and flocking.

FOR MULTICOLOR FLOCKING, METALLIZED FABRICS OFFER THE FOLLOWING ADVANTAGES:

- **Conductive, hence no problems with electrostatics**
The flock passes through the metallized mesh much more easily than through a polyester mesh and stands vertically in the glue layer.
- **The screens do not clog up**
Less down-time of the machine.
- **Less or no arcs of high voltage**
More efficient use of high tension.
- **Much higher damage tolerance than mesh made from stainless steel**
More flocking cycles, less down time. Handling becomes easier.
- **Excellent dimensional stability**
Warp and weft are firmly bound together by the metal layer.
- **Since the base material for KGS metallized fabrics is high modulus/low elongation polyester fiber, usual stretching and processing parameters can be used to a large extent.**
- **Typical mesh count: 24/cm**

