

HP LATEX DURABLE TEXTILES are a list of materials that have been treated and proven to deliver good or very good dry-rub and scratch resistance performance. HP Latex Printers are compatible with a range of textiles such as polyesters and natural fiber blends. HP Latex prints are odorless and due to the flexibility of HP Latex ink, the hand of the un-printed material is maintained even after it has been printed on.



Why are more durable textiles/fabrics needed?

The demand for textiles used in signage is growing. HP Latex Technology provides a

practical solution for print shops to transition into the soft signage market without investing in new printing equipment. HP Latex ink technology gives print shops the opportunity to leverage the advantages of soft signage such as:

- Textiles provide a soft touch finish, great color vibrancy, and are considered to be a premium product compared to vinyl or paper.
- Textiles are lighter in weight and wrinkle-resistant. Making them easier to transport, install and store. Decreasing installation, shipping and storage costs.
- Environmental regulations are changing and impacting PVC-based substrates and traditional textiles. There is a growing trend towards PVC free materials in the market place, creating additional growth in the textile market.



DRY RUB PERFORMANCE TEST -

the key test to being an HP Latex Certified Durable Textile

One important property of printed textiles used in applications like retail PoP and exhibition graphics is their “dry rub” performance. The standard used to measure the dry rub test is ISO 105-X12.

Why is the dry rub test is so important?

Textiles with good dry rub test results are suitable for sewing, finishing and transporting. Further, they are easily installable without being damaged.

How is dry rub measured?

It is measured by applying a downward force of 930.2 Newtons at a rate of one cycle per second. The Taber Linear Abraser rubs 20 times back and forth in a straight line (10 times forward and 10 times backward) along a track of the dry sample, using a bleached cotton rubbing cloth. This cloth is evaluated to determine how it has been stained.

How are dry rub test results evaluated?

After completing the test, three parameters are evaluated: image damage, gloss change and the staining of the cotton rubbing cloth. Textiles with good or excellent results are scored as a 4 or 5.

VORTEX™ STRETCH D229

- 6.7 oz., 92% polyester, 8% spandex fabric
- Single direction stretch for easy finishing
- Latex, direct dispersion, UV & transfer printable

VORTEX™ MAMBO S170

- 5.0 oz., woven polyester
- Bright white durable fabric for back-lit displays
- Latex & UV printable
- Certified HP Latex Durable

ULTRAPOPLIN® PES S240

- 7.1 oz., 100% polyester material
- Soft crease & wrinkle resistant poplin with a slight stretch
- Latex, solvent, eco-solvent & UV printable

Ultraflex has pioneered the development of a wide array of quality media for HP Latex ink technology. Through extensive testing and certifications, Ultraflex is among the first in the industry to offer a range of products that are “Certified for HP Latex Inks”.

All statements, technical information and recommendations about Ultraflex products are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All Ultraflex products are sold with the understanding that the purchaser has independently assumed responsibility in determining the suitability of such product for its purposes. +1/-2 variance is allowed on all specs.