



Test our 3M 92200 Label Material
on rough and difficult surfaces.

Provides high performance

- through superior adhesive power
- when labelled with thermal transfer resin ribbons
- during simple rotary printing and stamping processes

For many different applications

- for labelling plastic construction parts, housings and injection moulding components
- as type and information signs, barcode labels
- on a variety of surface structures
- on filled/fibre-reinforced plastic composite materials
- in the automobile and electronics industry, as well as in medical technology
- in machine and equipment engineering



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Important note:

The information contained in this brochure reflects the status of our current experience and may not be included in any specifications. Before these products are used, it is the responsibility of the user to individually check whether these products are suitable for the intended use, also with regard to possible effects of such an application. All questions regarding warranties and liability are subject to the respective contractual provisions of the purchase, insofar as no contrary legal regulations apply.

3M UK PLC
Industrial Adhesives & Tapes Division

New



Superior adhesion
on demanding
surfaces.

3M Polyester Label Material 92200



Enormously strong, where others already give up

Our new 3M Polyester Label Material 92200 is a professional product for rough terrains. With enormous adhesive force, an especially long durability and higher flexibility, it conquers highs and lows easily.

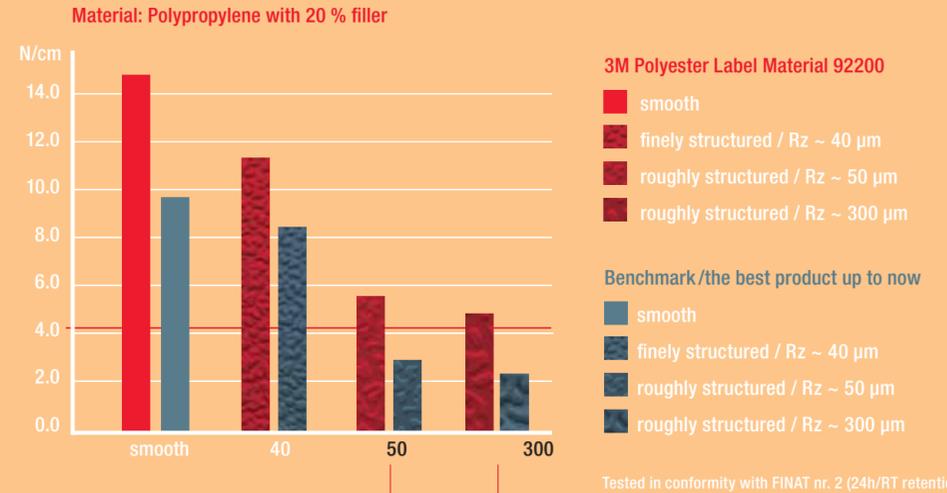
Plastics, such as polypropylene and polyethylene, are increasingly popular for industrial use. In general, it is seen as difficult to attach adhesive materials to such plastics and they require a high adhesive power, especially when the surfaces are strongly structured, or when they contain fillers or fibre reinforcements for improved mechanical properties. These are challenges, which may possibly be well known in your own production processes.

The 3M Polyester label material 92200 is an advancement in the development of our labelling products designed for demanding surfaces, and it shows superior qualities, especially under difficult conditions. You can immediately use all improved plastics without any compromises, fully relying on the above average adhesive power of 3M Polyester label material 92200, which always provide top performance, including the processing comfort you are used to from us.

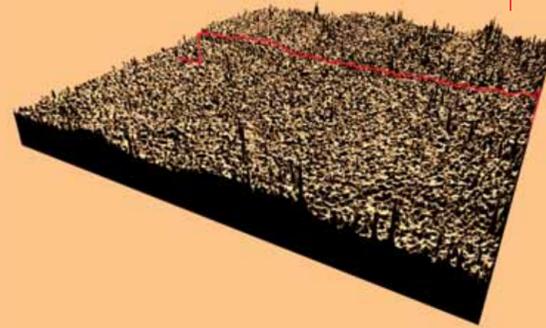
1. Peeling resistance on critical plastic surfaces (smooth)



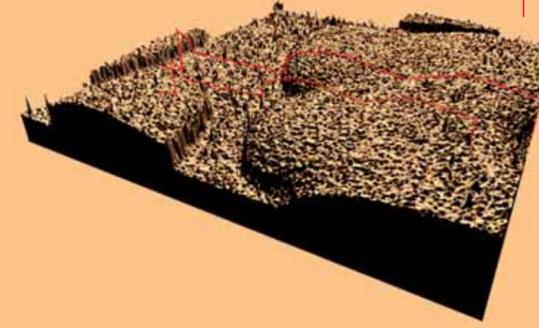
2. Peeling resistance on various surface textures (peak-to-valley depth in μm)



3. 3D surface topography 50 μm peak-to-valley depth



4. 3D surface topography 300 μm peak-to-valley depth



Clearly superior

In comparative tests with the leading products on the market, 3M Polyester label material 92200 is the clear winner. On extremely critical plastic surfaces (Diagram 1), and also during tests of peeling resistance on a large variety of surface structures (Diagram 2), 3M Polyester label material 92200 outperforms its competitors. The illustrations 3 and 4 show highly magnified 3D presentations of surface structures, with a peak-to-valley depth of

between 50 μm and 300 μm . The red line clearly shows the profile of the surface roughness, which must be overcome by the label material. Independent of the respective height deviations, 3M Polyester label material 92200 always achieves the desired adhesive power. Regardless of which surfaces it meets, this label material provides a constant adhesive performance at peak levels, which is what makes it so superior to other products.

Extremely convincing under the most extreme conditions

Modern production methods make it possible to fulfil increasing requirements, regarding surface feel and looks in the design of products. Thanks to high-performance plastics, it is possible to create surfaces that have been finished, for instance with leather- or textile-like structures.

On such surfaces, and also with demanding applications under harsh ambient conditions, such as high temperatures or exposure to oil or fuels, our 3M Polyester label material 92200 only starts to show its top form.

