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**MARKETING INFORMATION***Applications in the TEXTILES sector***Coated fabrics, fake leather Department****FAKE LEATHER**

In fake leather production plants, the chemical-physical analyses carried out by automatic analyzers are aimed at automatic regulation of continuous processes.

We have installed various automatic analyzers that concern different points of production processes in this sector.

A fake leather production plant can be represented as shown in the figure below.

**PROCESSES INVOLVED:****Coagulation**

The polyurethane dissolved in DMF is applied on a fabric support and it is then sent to coagulation baths by means of rollers. To maintain the concentration of the DMF in the fake leather coagulation baths the **UR20** refractometer, having a scale in % **DMF**, is used, fitted in recirculation on the bath itself.

**Recovering the vapors**

The DMF vapors extracted from the coagulation baths are sent to the fumes scrubbing tower through which a water spray recirculates until they reach the required concentration, ideal for recovery by distillation.

For automatic regulation of the **fumes scrubbing phases**, the **UR20** refractometer having a scale in % **DMF** is used, mounted at the recirculation tower outlet.

