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THE DEPENDENCE OF HEAT TRANSFER FILMS ADHESION ON PRESSING TEMPERATURE AND TIME

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Abstract

The image quality and durability formed by the heat transfer depends on the surface on which the image is to be transferred, as well as on the morphology, heat film and the properly selected process parameters of technological accomplishment. Some of the main parameters of the technological process influencing the quality transfer of the transfer image is the temperature, time and pressure. This article analyses the impact of the heat transfer time and temperature on the strength of adhesion between the film and the heat textile fabric. Test measurements of the heat transfer film peeling from a textile fabric were carried out using the device "Thwing Albert friction / peel tester Model 225-1" measuring the forces of peeling and friction in accordance with the standard method FINAT 1 the peeling angle of 180° to 300 mm / min. speed.

Key words: heat transfer, heat film, adhesion, textile

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NEWS MEDIA EVOLUTION: NEW MEDIA AND TOOLS

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Abstract

Over the last two decades the technological progress brought radical changes to news industry transforming the way of news production and consumption. The article analyzes the changes in the publishing model, which shifted to user-centred approach. Thus, a reader is reachable via multiple channels which context, in its turn, influences not only the content presentation, but also its quality, quantity or style. This is what brought an additional level of complexity to news industry creating new extra roles and responsibilities for editors and journalists. In addition, news production workflow has also been changed. Serving first mobile versus first digital leaves behind the era of the first and only one print channel publishing. Therefore, new flexible editorial tools were adopted. This article gives an overview of current main types of media sources aiming to analyze possible ways of the development and the impact of recent changes, respectively.

Key words: media, CMS, digital publishing, mobile publishing, newsroom evolution