ONE-STEP FLASHING BEVEL PROCESS

Abstract

A process for beveling the tip of a medical catheter is described. A catheter blank is mounted on a mandrel normally with the mandrel tip extending beyond the tip of the catheter to be beveled. The mandrel and catheter blank are inserted into a previously heated mold having a passage therethrough through which the mandrel passes. At a portion of the mold at which the terminus of the catheter is to be formed, a constriction is provided through which material (flash) may pass from the mold volume to the outside of the mold. The material is permitted to cool sufficiently such that when the mandrel and catheter are withdrawn from the mold, the flash tears and separates from the catheter at the point of the constriction formed between the mold and the mandrel.

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