

ABSTRACT

This research is motivated by election problems gloves as protective gear to drive the motorcycle but still cause injury to hand the user. Bruising injuries suffered by motorcyclists trail occurs in the palms, backs of the hands and fingers. The purpose of this study was to determine the suitable gloves perlidungannya terms of both fiber and peletakannya materials used in gloves. Knowing cause hand injuries suffered by riders in the palm of the hand. This research uses descriptive method with approach of comparative comparative study between products gloves used by motorcyclists trail. Then analyzed by matrix comparison to gather some information on the products used gloves biker trail. Subjects were a bunch of dirt biker community in Bandung named Trabas. Data collection techniques include interviews, questionnaires questionnaire, documentation of activities of driving a dirt bike. Results of this research is the design of products gloves can protect the backs of the hands, palms and fingers so as to minimize hand injury complained of by motorists during this time. Factors regarding the selection of materials adapted to the information obtained from the product comparison matrix used gloves motorist earlier. Then the design of these gloves, is the answer results in the use of materials that are tailored fiber placement of the fiber material in the design of gloves to minimize hand injury for motorcyclists trail.

Keywords: Hand Injuries, motorcycle gloves, Fiber Materials