

ABSTRACT

Ease of transportation access is a major need for people in Indonesia. Increased mobility has an impact on the growth of motor vehicles, which raises the risk of accidents, especially for motorcyclists who lack protection. Awareness of traffic rules and inadequate driving equipment contribute to violations and accidents. Cordura, with its durability and versatility, has not been fully utilized in motorcycle jackets in Indonesia. The study highlights the importance of driving safety by designing the Cordura jacket at Phillip Works. Through a qualitative single case study approach, the study observes the process of design, material selection, production, and quality testing. These findings are expected to improve understanding of driving safety and result in safer and more comfortable equipment.

Keywords: Motor Vehicle, Safety, Jacket, Cordura