



We Dare To Do It Different

Case Study

KNEE PAD

Product Developers

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About Product:

This super lightweight Knee Pad is tough and designed to last for ages. Comfortable while kneeling, standing or walking, Traditional Knee Pads offer a protective padding, which is required for safety, comfort and support of the knee.

We designed, developed, and manufactured the clip on Wurk-Pad® that met and exceeded the client's expectations by overcoming the challenges related to a mechanism that securely latched the knee pad to the trouser leg, provided ease of attaching and removing, had a non-skid outer surface, afforded comfort, and delivered durable construction.

Background: From back yard tinkerers to full on construction and factory workers who have to work on their knees some form of padding is required for safety, comfort, and support. Traditional Knee Pads are strapped to the leg.

Problem: Strapping the knee pad to one's legs can affect proper circulation and create a degree of discomfort causing the user to discard the knee pad thus voiding comfort and support and, in many cases, violating safety requirements.

Solution: Our client worked in construction and during season worked in one of the most dangerous professions on crab fishing boats in Alaskan waters. He knew all about the discomfort and safety considerations regarding the proper use of knee pads and came up with the idea of a knee pad that could be securely connected to the trouser leg without the restricting straps. GID designed, developed, and manufactured the clip on WurkPad® that met and exceeded the client's expectations by overcoming the challenges related to a mechanism that securely latched the knee pad to the trouser leg, provided ease of attaching and removing, had a non-skid outer surface, afforded comfort, and delivered durable construction.

Product Features:

- Combined shell construction with three layers interlocked to latching mechanism
- Durable and corrosion proof materials of construction
- Unique latching mechanism for repeated attaching and detaching