

BAILOUT BUDDY™

CABLE VS. ROPE: HOW BAILOUT BUDDY STACKS UP AGAINST THE COMPETITION

BAILOUT BUDDY™

ROPE SYSTEMS

Fully automatic; smooth, controlled descent

Descent can be very difficult to control

Minimal training required

Expensive re-training required periodically

Hands-free, 500-lb carrying capacity

Demands attention to descent speed and manual control of the brake/friction device

Steel aircraft cable easily withstands typical 1,000° F fire temperatures

Kevlar® and Technora® lose half their strength at 500° F and completely disintegrate at 930° F

Cable force-limiter absorbs 3 foot initial freefall with loads of up to 400 lbs.

Firefighter must avoid initial drops because of risk that low-elongation Kevlar® or Technora® rope will fail

Automatically eliminates slack in the cable, for safe bailout and recovery

Cable slack during the exit increases chance of an initial drop or freefall; slack during recovery can result in a fatal fall if recovery personnel lose hold of firefighter



