

# 3813 TyBak Technical Data Sheet

## 3M 3813 Energy Absorbing Lanyard

Designed for up to a 6 foot free fall application for a single user with a maximum capacity up to 310 pounds (141 kg) including clothing, tools, etc. With the captive eye carabiner and TyBak webbing the 3813 is approved for tie-back directly onto the webbing.

Snaphooks used on the 3813 marked with the ANSI Z359.1-07 or ANSI Z359.12-09 standard, are self-locking with a minimal tensile break strength of 5,000 pounds and a 3,600 pound gate rating. Captive Eye Carabiners marked with the ANSI Z359.1-07 or ANSI Z359.12-09 standard, are self-locking with a minimal tensile break strength of 5,000 pounds and a 5,000 pound gate rating.

When dynamically tested in accordance with the requirements of the ANSI Z359.13-2009 standard, the 3813 has an average arrest force of 900 lbf (4 kN) and a maximum elongation of 42 inches (1067 mm).



3813

Model 3M ID	Lanyard Material	Leg	Harness Connector	Anchorage Connector	Anchorage Connector Gate Opening	Length	Weight	Capacity	Standard Compliance
3813 70071532249	Nylon; Polyester	Dual	Steel Snaphook	Captive Eye Carabiner	0.9 in (22 mm)	6 ft (1.8 m)	3.6 lbs (1.6 kg)	310 lbs (141 kg)	ANSI Z359.13-09

Weights and measurements are approximate.

## Product Warranty, Limited Remedy, and Limitation of Liability

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### **⚠ WARNING**

Compliant fall protection and emergency rescue systems help prevent serious injury during fall arrest. Users must read and understand the User Instructions provided with the product and be properly trained by their employer prior to use per OSHA 29 CFR 1910.66 and 1926.503 or applicable local standards. **Misuse or failure to follow warnings and instructions may result in serious personal injury or death.** For proper use, see supervisor, User Instructions, or call Technical Service at 800-243-4630.

### 3M Occupational Health & Environmental Safety Division

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[www.3M.com/FallProtection](http://www.3M.com/FallProtection)  
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