

## Fall Protection

Personal fall arrest products and systems have advanced tremendously in the last 10 years. ANSI and OSHA regulations have much to do with clear and stringent requirements that have been placed on the manufacturers and users of these potential life saving products.

**OSHA 1926.502(d)(21)** states “Personal fall arrest systems shall be inspected prior to each use for wear, damage, and other deterioration, and defective components shall be removed from service.

**General industry standard ANSI Z359 2007, section 5.5:** “Fall protection and rescue equipment shall be inspected on a regular basis not to exceed one year (or more frequently if required by manufacturer’s instructions) by a competent person or competent rescuer, as appropriate, to verify that the equipment is safe for use. The inspection shall be documented.”

**Construction standard ANSI A10 32-2004 section 6.3.2:** “Formal inspections shall be made by either a competent person or qualified person on a least a semi-annual basis. Suggested examination periods are 3/1 to 3/31 and 9/1 to 9/30 for each employer.” (Manufacturers suggested)

Note that both parts of ANSI state that the worker must inspect the prior to every use and the formal inspections be documented. Manufacturers include instructions with all products and recommends that you follow the ANSI A10 guideline which is a semi-annual inspection. It’s important that the workers comply with the manufacturers care and maintenance stipulations

Over 222,000 people are injured each year in North America while using ladders. Under the provisions of OSHA 29 CFR 1926, Sub Part X employers must enable each employee to recognize hazards related to ladders.

Coordinated Wire Rope stocks a wide variety of harnesses, lanyards, self retracting lifelines, and grabs. Call CWR for any special fall protection or rescue needs as the following pages only represent a small portion of these type products available.

## Spec Sheet for 7035L (Large) Journeyman Full Body Harness



### Features:

- Three D-ring's (Fall Arrest and Positioning)
- 5-Point adjustability
- 9-Position, heavy-duty tongue buckle leg straps
- 10" StayPut shoulder pads
- 6" Waist Pad/Positioning Assembly
- Heavy-duty, removable workbelt
- Torso strap friction adjusters
- 2 Lanyard keepers
- 7,000lb polyester webbing
- Rated for a maximum capacity of 400lbs
- Impact indicating Safety Tabs
- Available sizes: 7035XS, 7035S, 7035M, 7035XL, 70352X, 70353X and 70354X

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| Material:   | Finish / Style #:    | Tested at:   |
|---|----------------------|--------------|
| 1-3/4" Yellow Polyester Webbing   | 3-58 Yellow          | TS: 7,000lbs |
| 1-3/4" Black Heavy-Duty Polyester Webbing                                       | 3-57A Black          | TS: 8,000lbs |
| Chest Strap Mating Buckle, Alloy Steel  | YCM – Yellow Cadmium | TS: 4,000lbs |
| Friction Buckle Front Torso Adjusters, Alloy Steel                              | YCM – Yellow Cadmium | TS: 4,000lbs |
| 1-3/4" Tongue Buckle, Leg Straps/Belt, Alloy Steel                              | YCM – Yellow Cadmium | TS: 4,000lbs |
| D-ring's, Forged Alloy Steel  | YCM – Yellow Cadmium | TS: 5,000lbs |
| Grommets, Leg Straps  | Brass                | N/A          |
| Lanyard Keepers   | Chrome               | N/A          |
| Webbing Keepers   | Plastic              | N/A          |
| Stress-indicating Safety Tabs   |                      |              |
| Warning Labels  |                      |              |
| Instructions  |                      |              |
| Meets or exceeds applicable OSHA and ANSI standards, including ANSI Z359.1-2007 |                      |              |

| Testing References: |                               |
|---------------------|-------------------------------|
| Webbing:            | ANSI Z359 3.2.2.2 – 3.2.2.7   |
| D-rings:            | ANSI Z359 3.2.1.5 and 3.2.1.7 |
| Buckles:            | ANSI Z359 3.2.1.6             |
| Harness:            | ANSI Z359 3.2.2.7             |
| Testing Procedure:  | ANSI Z359 4.3.3.1 and 4.3.3.2 |
| Performance Rating: | 5,000lbs Static Load          |

OSHA requires that the employer shall provide a training program for each employee who might be exposed to fall hazards. As part of the training program, the user of this product must:

- Become familiar with all instructions contained in the product manual
- Be trained in the correct use and care of their equipment
- Be aware of its application limitations
- Know and understand the consequences of improper use
- FAILURE TO FOLLOW INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH

## Spec Sheet for 7038 WeldTech Full Body Harness



### Features:

- Three D-ring's (Fall Arrest and Positioning)
- 5-Point adjustability
- Quick-connect buckle leg straps
- Mating buckle chest strap
- Torso strap friction adjusters
- 2 Lanyard keepers
- 10,000lb Extremely durable Kevlar webbing
- Kevlar stitching using offsetting natural (yellow) color thread
- Extreme heat and abrasion resistance
- Rated for a max capacity of 310lbs
- Impact indicating Safety Tabs
- Available sizes: 7038 (Universal) and 7038XL

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| Material:   | Finish / Style #:    | Tested at:    |
|---|----------------------|---------------|
| 1-3/4" Black Kevlar Webbing   | 6328 Black           | TS: 10,000lbs |
| Chest Strap Mating Buckle, Alloy Steel  | YCM – Yellow Cadmium | TS: 4,000lbs  |
| Friction Buckle Front Torso Adjusters, Alloy Steel                              | YCM – Yellow Cadmium | TS: 4,000lbs  |
| Quick-connect Buckles, Alloy Steel  | YCM – Yellow Cadmium | TS: 4,000lbs  |
| D-ring's, Forged Alloy Steel  | YCM – Yellow Cadmium | TS: 5,000lbs  |
| Lanyard Keepers   | Chrome               | N/A           |
| Webbing Keepers   | Plastic              | N/A           |
| Stress-indicating Safety Tabs   |                      |               |
| Warning Labels  |                      |               |
| Instructions  |                      |               |
| Meets or exceeds applicable OSHA and ANSI standards, including ANSI Z359.1-2007 |                      |               |

| Testing References: |                               |
|---------------------|-------------------------------|
| Webbing:            | ANSI Z359 3.2.2.2 – 3.2.2.7   |
| D-rings:            | ANSI Z359 3.2.1.5 and 3.2.1.7 |
| Buckles:            | ANSI Z359 3.2.1.6             |
| Harness:            | ANSI Z359 3.2.2.7             |
| Testing Procedure:  | ANSI Z359 4.3.3.1 and 4.3.3.2 |
| Performance Rating: | 5,000lbs Static Load          |

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