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WORK GEAR®
est. 1983

THE OFFICIAL ERGODYNE

DROP COPS® GUIDE

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DROP COPS
PROTECT AND TETHER
SAFETY FIRST

THE GUIDE TO DROPPED

THE REASON WE'RE HERE MAKE WORKING

OBJECT PREVENTION

AT HEIGHTS SAFER AND MORE PRODUCTIVE

TABLE OF CONTENTS

DROPPED OBJECTS REPRESENT 5% OF DEATHS ON THE JOBSITE.

*BUREAU OF LABOR STATISTICS

PREVENTION IS THE ANSWER.

//WARNINGS & SPECIAL NOTICES

The procedures outlined in this guide reference the best practices recognized by Ergodyne while using our safety solutions. Other manufacturers may have recommendations and rules specific to their equipment. Use of other manufacturer's equipment together with Ergodyne's equipment in a tool tethering system is not recognized as best practice and can also be considered a violation of our warranty.
When in doubt, contact Ergodyne with any questions at www.ergodyne.com or +1 651 642 9889 // 800 225 8238.

THE SOLUTION

Aerial safety goes beyond your standard fall protection. In the past, objects at heights hazard-planning has been an afterthought – or not even a thought. Today, regulators and safety professionals acknowledge the serious, life-threatening risks of falling objects and are considering or promoting rules to ensure proper precautions are followed in the workplace. The key to

TOOL	TRAPPING	
		
		

A COMPLETE TETHERING SYSTEM

any hazard planning is prevention. PPE will help protect workers and minimize the damage in the event of a drop – but **preventing** that object from ever falling will eliminate the incident from occurring. This guide will help you and your crew identify the best system of solutions to protect you and your fellow workers from these dangerous at heights risks.

TETHERING	TOPPING
	
	


KLEIN TOOLS
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SECTION 1:

TOOL ANATOMY

THE GUIDE TO TOOL TETHERING

The first step in safe Objects at Heights management is analyzing what objects you are working with at height. In order to prevent dropped objects from occurring, it is important to know the characteristics of those objects. From there, you can choose the solution that works best.

// TOOL ANATOMY
- **Tool Type**
- **Tool Weight and Size**

Tool Type

To safely tether tools, start by identifying the type of tool it is, followed by its overall shape and body type (geometry). This will help determine:

» Whether your tool can be directly tethered to a lanyard or if a trapped connection point needs to be applied.

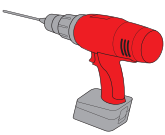
» Determine what type of retrofit connector is needed when your tool needs a connection point applied.

Step 1: Note which of these tool types best fits each tool being used and what type of geometry the tool has:

Primary Tool Types

Hand Tools: Tools that have a natural, fully enclosed hole or handle built into the body of the tool.

Examples: Adjustable wrenches, hand saws, pipe wrenches



Power Tools: Tools that require a power source to operate. Most often a removable battery or cord.

Examples: Drills, impact drivers, grinders

Instruments: Tools with specific interfaces used for measuring, testing, communicating or lighting.

Examples: Tape measures, radios, cell phones, voltage meters

Other: Tools or equipment that don't fall into the other five categories.

Examples: PPE, clamps, canisters, water bottles

Geometry

Captive Hole or Handle: Tool has enclosed hole or handle engineered into the tool.

Captive Waist or Neck: Tool has inner midsection between two thicker ends.

Non-Captive: Tool has no captive geometry. Consists of an open ended handle or other design.

Tool Weight and Size

All Ergodyne Objects at Heights solutions, specifically dropped object prevention solutions, are built with a specified capacity marked on the product. You will need to compare the weight of the tool to the capacity of each solution you use.

Step 2: Measure the weight of each tool (do not guess!) and mark that weight on each tool, and/or note the weight in your equipment log.

Note: Add up the combined weight of the tool set being transported to an at-heights work location. This will be important when topped containers are discussed in a later section.

Step 3: Use a caliper, tape measure or ruler to measure the size of the tool to determine what type of attachments are needed to attach to it. For open ended and waisted tools, measure the diameter (thickness) of the area you would like a connection to be applied to. For captive tools, measure the size of the captive connection point to determine the appropriate lanyard connector to be used.

Step 4: Document the information in a tool inventory log.

Company A Tool Inventory Log

		REQUIRED INFO				REQUIRED INFO				Fields for Ergodyne to fill in		
Number	Photo	Tool Type	Tool Category	Tool Brand & Model Number	Tool Description	Tool Geometry Captive - Hole/Handle; Captive - Waist/Neck Non-Captive	Tool Weight (lb)	Size of Attachment Location (if applicable) Handle Thickness Screw Port Size	Additional Requirements or Notes (e.g. Clean Room, non conductive, etc.)	Tool Tail	Tool Trap	Tool Lanyard
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												

FOR FURTHER OBJECTS AT HEIGHTS ENLIGHTENMENT, BROWSE THE TENACIOUS U LIBRARY UNDER THE "LEARN" TAB ON WWW.ERGODYNE.COM.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SECTION 2:

THE THREE T'S

THE GUIDE TO TOOL TETHERING

The Dropped Object Prevention Best Practice involves using the Three T's of Aerial Safety:

- **Trapping – Creating connection points on tools**
- **Tethering – Connecting tools to an anchor**
- **Topping – Covering open containers**

TRAPPING

Trapping refers to retrofitting a connection point onto a tool for a safer attachment point. Most tools do not come with a secure attachment point built into the tool. In these situations, a secure attachment point must be created.

Step 1: Choose appropriate tool attachment based on determined tool anatomy. Refer to the documented tool anatomy from Section 1 (pg. 10).

Hand Tools:

- Captive Hole/Handle: Consider Tool Tails™ (pg. 17) or continue to Step 2
- Captive Waist/Neck: Continue to Shackles (pg. 19)
- Non-Captive: Continue to Traps and Tails (pg. 17-23)

Power Tools:

- Captive Hole/Handle: Consider Tool Tails™ (pg. 17) or continue to Step 2
- Captive Waist/Neck: Continue Power Tool Traps (pg. 24)
- Non-Captive: Continue to Brackets (pg. 25)

Instruments:

- Captive Hole/Handle: Consider Tool Tails™ (pg. 17) or continue to Step 2
- Captive Waist/Neck: Continue to Traps and Tails (pg. 17-23)
- Non-Captive: Continue to Traps and Tails (pg. 17-27)

Other:

- Determine appropriate solution (pg. 17-27)

Step 1B: Squids® Wire and Elastic Tool Tails™

Follow these simple steps to install the Squids® Wire Tool Tails™.

3704 WIRE LOOP TOOL TAIL™

INSERT TAIL THROUGH TOOL

CHOKE TOOL TAIL

3705 WIRE SCREWGATE TOOL TAIL™

INSERT TAIL THROUGH TOOL

CONNECT TOOL TAIL

3703/3713 ELASTIC TOOL TAIL™

WRAP TAIL AROUND TOOL

CHOKE TOOL TAIL

Step 1B: Squids® Hand Tool Traps™

Connection points can be tricky to find, especially on smaller hand tools like screw drivers and hex keys. Squids® Slips® are the perfect retrofit tool attachments for small hand tools.

CHOOSE SLIP SIZE FOR TOOL

CENTER THE SLIP ON THE TOOL

PUNCTURE INNER MEMBRANE

SLIDE THE SLIP INTO PLACE

*NOT TO SCALE

Step 1B: Squids® Shackle Traps

Stainless steel U shaped shackles connect to waisted/ necked tools (tapered mid-sections) or tools with captive holes, creating clean, secure attachment points for tethering.

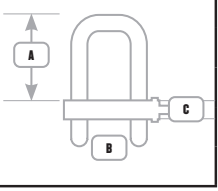
UNSCREW THE CROSSBAR

SLIDE U-SHACKLE AROUND TOOL

APPLY THREAD ADHESIVE

RECONNECT THE CROSSBAR

TOOL SHACKLES	A	B	C
3790S	.75" / 19MM	.40" / 10MM	.20" / 5MM
3790M	1" / 26MM	.50" / 12MM	.20" / 5MM
3790L	1.25" / 32MM	.65" / 16MM	.30" / 8MM
3790XL	1.5" / 38MM	.80" / 20MM	.40" / 10MM



Step 1B: Squids® Tape Traps

Follow these simple steps to install the Squids® Tape Traps.

How to Choose the Correct Trap and Tail:

Compare the weight of your tool and the tool's diameter to the Selection Grid to determine what combination of Tail and Trap works best for each tool. See selection grid in appendix, pg. 45.

3700 WEB TOOL TAIL + 3755 TAPE TRAP

PLACE TAIL ON TOOL

APPLY TAPE TRAP

WRAP TAPE AROUND TOOL & TAIL

LAY END DOWN

3713 ELASTIC TOOL TAIL + 3755 TAPE TRAP

CHOKE TOOL TAIL

CINCH BARREL LOCK

APPLY TAPE TRAP

LAY END DOWN

Step 1B: Squids® Cold Shrink Traps

Follow these simple steps to install the Squids® Cold Shrink Traps.

WRAP TAIL AROUND TOOL

CHOKE TOOL TAIL

CINCH BARREL LOCK

BEGIN PULLING TRAP CORE

PLACE CORE AROUND TOOL

REMOVE ENTIRE CORE

EXAMINE PLACEMENT

ATTACH A LANYARD

How to Choose the Correct Trap and Tail:

Compare the weight of your tool and the tool's diameter to the Selection Grid to determine what combination of Tail and Trap works best for each tool. See selection grid in appendix, pg. 45.

Step 1B: Squids® Power Tool Traps

The power tool trap securely wraps around the battery portion of drills, impact drivers and other cordless power tools. D-ring connection point attaches to a lanyard to prevent drops.

UNDO ALL HOOK & LOOP STRAPS

PLACE POWER TOOL INTO TRAP

WRAP VERTICAL STRAP AROUND

SECURE VERTICAL STRAP

FEED STRAP THROUGH BUCKLE

PULL TIGHTLY AND SECURE

SECURE HOOK & LOOP STRAPS

ATTACH A LANYARD

Step 1B: Squids® Brackets

The Power Tool Bracket for Grinders creates a unique tool attachment point to tether corded and cordless grinder power tools with a tool lanyard.

ALIGN ALL COMPONENTS

THREAD INTO OPEN SCREWPORT

TIGHTEN ALL THE WAY

APPLY TORQUE TO FASTENER

Additional brackets also available

3796 DRILL/IMPACT DRIVER BRACKET

3798 PNEUMATIC BRACKET

Step 1B: Squids® Tape Measure Trap

The tape measure trap securely wraps around most standard tape measures. The D-ring connection attaches to a lanyard to prevent a dropped object.

UNDO ALL HOOK & LOOP STRAPS

PLACE TAPE MEASURE INTO TRAP

SECURE HORIZONTAL STRAP

FOLD TOP FLAP DOWN

SECURE BOTTOM STRAP OVER TOP

ATTACH A LANYARD

Step 1B: Squids® Sleeves

Water resistant phone and tablet pouches and traps make it easy to carry and use your devices on the job while preventing dropped objects when working at-heights.

OPEN ZIPPER & INSERT PHONE

CLOSE ZIPPER

Additional sleeves also available

3765 TABLET TRAP

3775 WATER BOTTLE/ CANISTER TRAP


QUIT RAINING
HEAVY METAL
THUNDER
ON YOUR
CO-WORKERS.
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Step 2: Tethering

Once all tools have a connection point, the appropriate tethering solution can be selected. Consider the following factors to select the appropriate solution:

Factor #1: Weight of Tool

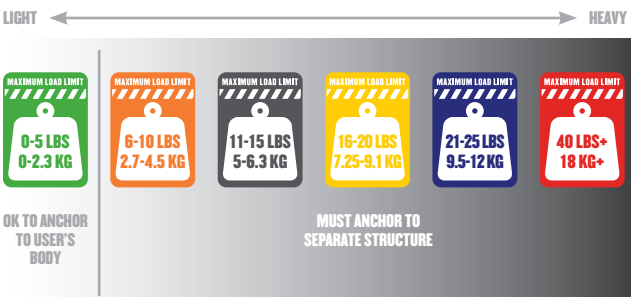
Factor #2: Type of connector(s) on lanyard

Factor #3: Clearance, Reach, and Snag Hazard

Factor #4: Additional Options

Factor #1: Weight of Tool

The first factor to consider is the weight of the tool and properly match that with the capacity of the tool lanyard. Review the individual weight of each tool, then move onto the next factor. Ergodyne Tool Lanyards are categorized in the following capacity ranges:



Factor #2: Type of connector(s) on lanyard

Review the connection location on the tool and on the intended anchor location. Also, consider the way the tool is used to determine the best type of connector to use. Consider the following elements:

A. Loop vs. Carabiner

Loop – Fits through a larger variety of connection points on tools/anchor points but does not connect or exchange quickly.

Carabiner – Allows for quicker connection and exchange but may not fit on as many tools/anchor points as a loop.

B. Security of Carabiner

Consider the elements of an automatic locking carabiner vs. a manual-locking screw-gate carabiner and choose how secure your carabiner should be.

Manual-Locking Screw Gate: Secure when locked by worker

Double-Action Self Locking: Secure, quick connection

Self Locking with Swivel Design: Swivel point helps prevent lanyard from twisting

XL Self Locking: Anchor heavy-duty tools to structure or beams

C. Connector Material

Heavily dependent on working environment. Some environments lend themselves to non-metal connections, some to corrosion-resistant options and others call for the lightest option available.

Non-Metal Connection:
Non-Conductive // Non-Marring // Non-Sparking

Aluminum:
Lightweight connection

Stainless Steel:
Corrosion-resistant

Swiveling Design:
If you are using a rotating tool, a swiveling design helps prevent the pigtail effect (binding of lanyard from twisting motion).

Factor #3: Clearance, Reach, and Snag Hazard

Length of your lanyard should be determined by these three factors. Determine how much clearance you need between the anchoring location of your lanyard and the nearest sensitive surface, object or person below. Also determine how long the user's reach is, so the lanyard expands far enough. If you are working in a confined space or other applications where lanyards with excess slack will become snag hazards, you may want a short or expandable lanyard.

Wrist -> 7.5" / 19cm
Coil -> 7.5" – 48" / 19cm - 123cm
Retractable -> 11" – 48" / 28cm - 123cm
Stretch -> 35" – 48" / 89cm - 123cm

Factor #4: Additional Options

Modular Quick Connect

Quick connecting buckle allows for exchange of multiple tools to a single lanyard. Tool Tails™ (additional accessory) are available for this system.

Twin Leg

Twin leg lanyards allow for two tools to be connected or 100% tie off for one tool when transferring tools from point 'A' to point 'B'. From a hoist bucket to a structure, for example.

Topping

There are different ways of transporting equipment to heights and a variety of containers used to store the equipment while in transit. Regardless of what container is used, there are three critical best practices:

Hands Free Climbing Container should allow for three points of contact at all times.

Closed Container The solution should have a secure top or closure that does not allow the contents to spill out if it tips over or becomes inverted in transit.

Weight Rating The container should be weight rated, stamped with that weight rating and include a safety factor to minimize the risk of misuse.

Whether you are carrying or hoisting equipment, the following factors will help you determine what containers to use:

Factor #1: Carrying vs. Hoisting

When bringing equipment to heights, there is often a desire to bring more equipment than is actually needed. No worker wants to leave a tool behind that they might need because climbing back down to grab it and climbing back up to finish the job results in both a loss of productivity and an increased safety risk of additional movement and time at height.

Factor #2: Type of Equipment

Small parts can be carried up by the worker, but they need a means of being controlled other than tethering. (i.e. nuts, bolts, nails, screws).

Hand tools can be carried up by the worker who may have a desire for organized holstering. (i.e. screwdrivers, hammers, wrenches, small power tools).

Large items do not lend themselves to be carried up safely by a worker. (i.e. 5 gallon pails, larger power tools).

Extra large loads usually need to be lifted by a crane (i.e. scaffolding, rebar, Joboxes, other structural material).

Factor #3: Weight of Equipment

≤ 33lb (22.7kg) – Maximum capacity of individual Ergodyne tool pouches and bolt bags.

≤150lb (68kg) – Maximum capacity of individual Ergodyne hoisting solutions.

≥151lbs (68.5kg) - Would require more than one container.

Factor #4: Container Material

Canvas – Heavy-duty cotton-based canvas provides traditional durability.

Synthetic (nylon or polyester) – Often more resistant to water, dirt and other substances.

Tarpaulin – Waterproof material helps keep contents dry and protected from the elements.


8 LBS // 3.5 KG
3011
48 IN // 122 CM

SECTION 4:

SOLUTIONS

TRAPPED // TETHERED // TOPPED

3180 2LB / 0.9KG TOOL TETHERING KIT

Tether:
up to six 2lb / 0.9kg tools

3181 5LB / 2.3KG TOOL TETHERING KIT

Tether:
up to four 5lb / 2.3kg tools

3182 10LB / 4.5KG TOOL TETHERING KIT

Tether:
up to three 10lb / 4.5kg tools

3190 TAPE MEASURE TETHERING KIT

Tether:
one standard tape measure

3191 POWER TOOL TETHERING KIT

Tether:
one standard cordless power tool

3192 3LB / 1.4KG TOOL TETHERING KIT

Tether:
up to four 3lb / 1.4kg tools

MAXIMUM LOAD LIMIT 3 LBS 1.4 KG

ANSI/ISEA 121

3193 TAPE MEASURE TETHERING KIT

Tether:
one standard tape measure

MAXIMUM LOAD LIMIT 2 LBS .9 KG

ANSI/ISEA 121

3194 HAND TOOL TETHERING KIT

Tether:
up to four screwdrivers/hex keys

MAXIMUM LOAD LIMIT 1 LB .5 KG

ANSI/ISEA 121

3195 CELLPHONE TETHERING KIT

Tether: one standard or plus size phone

MAXIMUM LOAD LIMIT 1 LB .5 KG

ANSI/ISEA 121

3196 GRINDER TETHERING KIT

Tether:
one 8lb / 3.6kg grinder

MAXIMUM LOAD LIMIT 8 LBS 3.6 KG

ANSI/ISEA 121

3183 CARPENTERS/ LABORERS TETHERING KIT

Tether:
Hard Hats
Gloves
Tape Measures
Claw/Sledge Hammers
Cordless Drills/Drivers
Adjustable Wrenches
Speed Squares
Pry Bars
Cats Paws
Pliers
Utility Knives
Torpedo Levels
Multi-Tool Scrapers
Jab Saws

ANSI/ISEA 121

3184 FINISHERS/MASONS TETHERING KIT

Tether:
Hard Hats
Gloves
Tape Measures
Claw/Sledge Hammers
Grinders
Pliers
Utility Knives
Margin/Mason Trowels
Floats/Edgers/Mag

ANSI/ISEA 121

3185 GLAZIERS TETHERING KIT

Tether:
Hard Hats
Gloves
Tape Measures
Cordless Drills/Drivers
Pliers
Utility Knives
8" Flat Bars
Spray Bottles
Caulking Knives

ANSI/ISEA 121

3186 IRON/STEEL WORKERS TETHERING KIT

Tether:
Hard Hats
Gloves
Tape Measures
Claw/Sledge Hammers
Cordless Drills/Drivers
Sleever Bars
Pliers
Spud Wrenches
Folding Tape Measures
Bolt Cutters

ANSI/ISEA 121

3187 SCAFFOLDERS TETHERING KIT

Tether:
Hard Hats
Gloves
Tape Measures
Claw/Sledge Hammers
Mallets
Adjustable Wrenches
Scaffolders 3-In-1 Tool
Nips
Levels

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Tool Attachment Options

TETHER UP TO
ANSI/ISEA 121
MAXIMUM LOAD LIMIT 1 LB .5 KG

3740 HAND TOOL TRAPS™ - SLIPS®

3704 / 3705 WIRE TOOL TAILS™

MAXIMUM LOAD LIMIT 2 LBS .9 KG
ANSI/ISEA 121

MAXIMUM LOAD LIMIT 3 LBS 1.4 KG
ANSI/ISEA 121

3700 WEB TAILS

MAXIMUM LOAD LIMIT 2 LBS .9 KG
ANSI/ISEA 121

3103 / 3703 / 3713 ELASTIC TAILS

ANSI/ISEA 121

3790 TOOL SHACKLES

MAXIMUM LOAD LIMIT 15 LBS 6.8 KG
ANSI/ISEA 121

3770 TAPE MEASURE TRAP
AVAILABLE IN TWO SIZES

MAXIMUM LOAD LIMIT 2 LBS .9 KG

ANSI/ISEA 121

3780 POWER TOOL TRAP™
AVAILABLE IN TWO SIZES

MAXIMUM LOAD LIMIT 6 LBS 2.7 KG — 3780S

MAXIMUM LOAD LIMIT 10 LBS 4.5 KG — 3780L

ANSI/ISEA 121

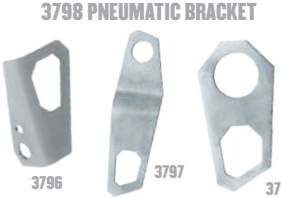
3760 CELL PHONE TRAP - SLEEVE (AVAILABLE IN STANDARD AND PLUS SIZES)
3765 TABLET TRAP - SLEEVE
3775 WATER BOTTLE/CANISTER TRAP - SLEEVE (AVAILABLE IN SMALL AND LARGE)

POWER TOOL TRAP™
3796 DRILL/IMPACT DRIVER BRACKET
3797 GRINDER BRACKET
3798 PNEUMATIC BRACKET

MAXIMUM LOAD LIMIT 3 LBS 1.4 KG

MAXIMUM LOAD LIMIT 8 LBS 3.6 KG

MAXIMUM LOAD LIMIT 5 LBS 2.3 KG



Self-Adhering Tape Trap

Orange or Gray

Cold Shrink Traps

Available in 3 sizes:
3723: 5lb / 2.3kg
3724: 10lb / 4.5kg
3726: 15lb / 6.8kg

TOOL WEIGHT	TAIL MODEL NUMBER	TRAP MODEL (TYPE: MODEL)				
		SHAFT DIAMETER: ≤ 0.75IN / 19MM	**SHAFT DIAMETER: 0.76-1.25IN / 19-32MM**	**SHAFT DIAMETER: 1.26-1.75IN / 32-44MM**	**SHAFT DIAMETER: 1.76-2.25IN / 44-57MM**	**SHAFT DIAMETER: 2.26-2.50IN / 57-63MM**
WEIGHT ≤ 2LBS / 0.9KG	Web Tail: 3700 (all sizes)	Tape Traps: 3755 Length = ≥ 12IN / 31CM	Tape Traps: 3755 Length = ≥ 12IN / 31CM	Tape Traps: 3755 Length = ≥ 18IN / 46CM	Tape Traps: 3755 Length = ≥ 18IN / 46CM	Tape Traps: 3755 Length = ≥ 24IN / 61CM
		Cold Shrink Trap: N/A	Cold Shrink Trap: N/A	Cold Shrink Trap: N/A	Cold Shrink Trap: N/A	Cold Shrink Trap: N/A
	Elastic Tail: 3703, 3703EXT, 3713	Tape Traps: 3755 Length = ≥ 12IN / 31CM	Tape Traps: 3755 Length = ≥ 12IN / 31CM	Tape Traps: 3755 Length = ≥ 18IN / 46CM	Tape Traps: 3755 Length = ≥ 18IN / 46CM	Tape Traps: 3755 Length = ≥ 24IN / 61CM
		Cold Shrink Trap: N/A	Cold Shrink Trap: 3723	Cold Shrink Trap: 3723, 3724	Cold Shrink Trap: 3726	Cold Shrink Trap: 3726
WEIGHT ≤ 5LBS / 2.3KG	Elastic Tail: 3703, 3703EXT, 3713	Tape Traps: 3755 Length = ≥ 18IN / 46CM	Tape Traps: 3755 Length = ≥ 18IN / 46CM	Tape Traps: 3755 Length = ≥ 24IN / 61CM	Tape Traps: 3755 Length = ≥ 24IN / 61CM	Tape Trap: 3755 Length = ≥ 30IN / 76CM
		Cold Shrink Trap: N/A	Cold Shrink Trap: N/A	Cold Shrink Trap: 3723, 3724	Cold Shrink Trap: 3726	Cold Shrink Trap: 3726
WEIGHT ≤ 10LBS / 4.5KG	Elastic Tail: 3703, 3703EXT, 3713	Tape Trap: 3755 Length = ≥ 24IN / 61CM	Tape Trap: 3755 Length = ≥ 24IN / 61CM	Tape Trap: 3755 Length = ≥ 30IN / 76CM	Tape Trap: 3755 Length = ≥ 30IN / 76CM	Tape Trap: 3755 Length = ≥ 36IN / 91CM
		Cold Shrink Trap: N/A	Cold Shrink Trap: N/A	Cold Shrink Trap: 3724	Cold Shrink Trap: 3726	Cold Shrink Trap: 3726
WEIGHT ≤ 15LBS / 6.8KG	Elastic Tail: 3703, 3703EXT	Tape Trap: 3755 Length = ≥ 36IN / 91CM	Tape Trap: 3755 Length = ≥ 36IN / 91CM	Tape Trap: 3755 Length = ≥ 36IN / 91CM	Tape Trap: 3755 Length = ≥ 36IN / 91CM	Tape Trap: 3755 Length = ≥ 48IN / 122CM
		Cold Shrink Trap: N/A	Cold Shrink Trap: N/A	Cold Shrink Trap: N/A	Cold Shrink Trap: N/A	Cold Shrink Trap: 3726

Tool Lanyard Options

Retractable Tool Lanyards //
Double Action Carabiners
(Aluminum)

3010: 5lbs / 2.3kg (Belt Slot)
3011: 8lbs / 3.6kg (Dual Carabiner)

Lo-Profile Retractable Tool Lanyards //
Double Action Carabiners (Aluminum)

3002: 2lbs / 0.9kg (Belt Loop)
3003: 2lbs / 0.9kg (Dual Carabiner)

Retractable Tool Lanyards //
Manual Screw Gate
Carabiner (Stainless Steel)

3000 - Dual Carabiner
3001 - Single Carabiner w/ Loop End
3025 Accessory Tails
3026 Accessory Tails

≤2lbs / 0.9kg
3115 Wrist Lanyard -
Loop end only

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MAXIMUM LOAD LIMIT 2 LBS .9 KG

≤3lbs / 1.4kg
3116 Wrist
Lanyard - Buckle

MAXIMUM LOAD LIMIT 3 LBS 1.4 KG

≤3lbs / 1.4kg
3114 Wrist
Lanyard - Carabiner

MAXIMUM LOAD LIMIT 2 LBS .9 KG

MAXIMUM LOAD LIMIT 5 LBS 2.3 KG

ANSI/ISEA 121

Coil Lanyards //
Dual Manual Screw Gate
Carabiners (Stainless Steel)

3130S: ≤2lbs / 0.9kg
3130M: ≤5lbs / 2.3kg

Shock Absorbing Lanyard //
Manual Screwgate Carabiner
(aluminum)

Single Carabiner with Loop End
Standard length 3102F(x)
(modular)

MAXIMUM LOAD LIMIT 5 LBS 2.3 KG

ANSI/ISEA 121

3103 Accessory Loops

Shock Absorbing Lanyard //
Manual Screwgate Carabiner (Aluminum)

Single Carabiner
Standard Length 3100F(x)

Shock Absorbing Lanyard //
Manual Screwgate Carabiner (Aluminum)

Dual Carabiner
Standard Length 3110F(x)

Shock Absorbing Lanyards //
Double Action Carabiner (Aluminum)

Single Carabiner
Standard Length 3108F(x)

Shock Absorbing Lanyards //
Double Action Carabiner (Aluminum)

Double Carabiner
Standard Length 3118F(x)

Stretch Lanyards //
Manual Screw Gate Carabiners
(Stainless Steel)

Dual Carabiner
Standard Length 3111
Extended Length 3111EXT

Single Carabiner with Loop End
Standard Length 3101
Extended Length 3101EXT

Triple Carabiner (Twin Leg)
Standard Length 3311

Shock Absorbing Lanyards //
Double Action Carabiner (Stainless)

Single Carabiner
Standard Length 3101F(x)

Double Carabiner
Standard Length 3111F(x)

MAXIMUM LOAD LIMIT
15 LBS
6.8 KG

ANSI/ISEA
121

Shock Absorbing Lanyards //
Swiveling Double Action
Carabiner (Aluminum)

Single Carabiner
Standard Length 3109F(x)

Double Carabiner
Standard Length 3119F(x)

MAXIMUM LOAD LIMIT
25 LBS
12 KG

ANSI/ISEA
121

Heavy-Duty Lanyards //
Swiveling Double Action
Carabiner (Aluminum)

Single Carabiner
Standard Length 3129

Double Carabiner
Standard Length 3139

Heavy-Duty Lanyards //
Double Action Carabiner
(Aluminum)

Single Carabiner
Standard Length 3148

Double Carabiner
Standard Length 3149

Hard Hat Lanyard

Elastic with buckle 3150
Elastic with clamp 3155

Coil with buckle 3157
Coil with clamp 3158

Coil with Single Carabiner 3156
Coil with Dual Carabiner 3166

Container Options // Carrying

ANSI/ISEA 121

TETHER CAPACITY

MAXIMUM LOAD LIMIT 20 LBS 9.1 KG

MAXIMUM LOAD LIMIT 5 LBS 2.3 KG

5517 – Premium Topped Parts Pouch - Zipper

5527 – Premium Topped Parts Pouch - Hinge

5528 – Topped Parts Pouch - Canvas
5538 – Topped Parts Pouch - Tarpaulin

MAXIMUM LOAD LIMIT 20 LBS 9.1 KG

MAXIMUM LOAD LIMIT 5 LBS 2.3 KG

ANSI/ISEA 121

MAXIMUM LOAD LIMIT 25 LBS 12 KG

5725 – Canvas Bolt Bag Short
5728 – Canvas Bolt Bag Tall

5561 – Small Tool Holster
5562 – Hammer Holster

Carry or Hoist

5843 - Tool Backpack

Designed to be carried around the jobsite or used for hands free climbing when worn on back. For heavier loads up to 50 lbs., the top straps of the bag can be used for hoisting.

Hoisting Options

Canvas Bucket - Web Handle
5930T – Large
5935T – XLarge

MAXIMUM LOAD LIMIT
150 LBS
58 KG

Canvas Bucket - Swiveling Carabiner
5940T – Large
5945T – XLarge

MAXIMUM LOAD LIMIT
150 LBS
58 KG

TETHER CAPACITY

MAXIMUM LOAD LIMIT
150 LBS
58 KG

MAXIMUM LOAD LIMIT
20 LBS
9.1 KG

Canvas Bucket with D-Rings
5960T

Polyester Bucket - Web Handle
or Swiveling Hook
5970T – Swiveling Hook
5975T – Web Handle

Polyester Bucket Safety Top

5938 – Large
5937 – XLarge

TENACIOUS SINCE 1983.

INTERGALACTIC HEADQUARTERS:
44° 58' 18.31" N 93° 09' 12.88" W ALT. 934 FT.
1021 BANDANA BOULEVARD EAST SUITE 220 SAINT PAUL, MN, USA 55108
PHONE 651 642 9889 // 800 225 8238 WWW.ERGODYNE.COM

MEMBER ASSOCIATIONS:

PART # 99807F