



FALL PROTECTION



INTERCITY INDUSTRIAL

FICODIS



PROTECT WITH DENTEC

PROTECT WITH DENTEC



SPECIALIZING IN SAFETY SOLUTIONS

About Dentec Safety Specialists Inc.

Dentec Safety is a leading manufacturer and distributor of safety products in the North America since 2004. Dentec serves the North American market through our national network of distributor partners assuring prompt service and technical expertise. Headquartered in Ontario, Canada with a manufacturing facility in Lenexa, Kansas, Dentec Safety is dedicated to providing the highest quality safety products and solutions delivering enhanced value and comfort. Our expertise from decades of experience in Industrial Safety and our innovative design technologies have solidified us as thought leaders in the field. Protection and comfort are at the core of everything we do at Dentec. As a leading manufacturer of Safety Solutions, it is our mission to help organizations do the right thing, keep their employees safe and exceed Industry Health & Safety Standards.

For those of you that have not used our products, contact us. We'll be happy to demonstrate the many unique features these products offer and how your company and employees can benefit from their use.

Fall Arrest Systems

		PAGE
<u>SAVED A LIFE PROGRAM</u>		4
<u>KEY DESIGN FEATURES</u>		5
<u>Harnesses</u>		6-7
	ECO	6
	KOALA BEHR	6
	CONTRACTOR	7
	Custom Harness Imprinting	7
<u>Lanyards</u>		8
	IEA Internal Energy Absorber	8
	EEA External Energy Absorber	8
<u>Self Retracting Devices</u>		9
<u>Sizing Guide & Symbols</u>		10
<u>Fall Calculations</u>		10
<u>Roofer's Kits</u>		11
<u>Rope Grab</u>		11
<u>LifeLines</u>		11
<u>Anchorage</u>		11
	Roof Anchors	11
	Anchor Connector	11

PROTECT WITH DENTEC

SAVED A LIFE PROGRAM

People working at heights risk their lives everyday and look forward to going home after work to be with their loved ones. Working at heights is a tough and scary job and we have to thank those that do this for a living be it on sky scappers, bridges, power towers, offshore platforms or working on a roof to name a few.

Dentec Safety is committed to protecting people whether they are working in a workplace or at home. We stand behind our products and the people that count on them every day.

This is how our **SAVED A LIFE PROGRAM** works:

- If an individual falls while wearing a Dentec Safety harness and lanyard, we will provide them with free replacement products that were used to save their life.
- Simply return the used harness and lanyard to Dentec Safety Specialists with a letter providing the details and date of the fall and we will send a new replacement harness and lanyard free of charge along with a **SAVED A LIFE CERTIFICATE**.



Toll Free: 1.888.533.6832



www.dentecsafety.com

PROTECT WITH DENTEC

KEY DESIGN FEATURES



Lanyard Keeper On Harnesses

High quality lanyard keeper provides the best combination of durability and performance.



Plastic Ends

Located at the end of the harness straps prevents the web material from fraying and allows the user to grab the ends to tighten the strap even with work gloves.



Foam Lined Backpad

Dentec Safety uses a combination of a foam material and a breathable mesh fabric. The foam padding provides support but moves with the body as you bend and turn. The mesh fabric is breathable and allows perspiration to dry quickly. This combination provides additional comfort and performance for extended use.



Friction Adjustment

Optional adjustment allows for quick and simple sizing adjustment when needed.



Quick Connect Buckles

Dentec Safety quick connect buckles are available in steel with anti-panic latches that require the user to push the clips forward to open. Provides extra security in a fall situation.



Inspection Tag Cover

All harnesses come with a 360° inspection cover made of heavy duty nylon. Provides complete protection of all inspection tags against the elements such as sun, dirt, rain, snow, oils, etc. Velcro closure allows for easy viewing of inspection tags.

PROTECT WITH DENTEC

ECO Harnesses



- Full Body Harness
- Available with Single D-Ring, 3 D-Ring or 5 D-Ring configurations
- Soft webbing provides exceptional comfort and durability
- Plastic tips located at the end of each strap prevents fraying and allows the user to adjust the harness easily even when wearing work gloves
- High quality lanyard keepers
- Adjustable Mating Buckles on Chest Strap
- Available with adjustable mating buckles or tongue & buckle leg straps
- Rated to 352 lbs. (160kg) working weight

Outstanding value!!



Part #	Description			Chest	Leg
16H33101FI	ECO Harness	1-D	Universal Size	MB	MB
16H33111FI	ECO Harness	1-D	5 pt. Adj. Universal Size	MB	MB
16H33101002FI	ECO Harness	3-D	Universal Size	MB	MB
16H33102102FI	ECO Harness	5-D	Universal Size	MB	MB
16H33102FI	ECO Harness	1-D	Universal Size	MB	TB
16H33102002FI	ECO Harness	3-D	Universal Size	MB	TB
16H33101FI URT	ECO Harness in Retail Box	1-D	Universal Size	MB	MB
16H33102FI URT	ECO Harness in Retail Box	1-D	Universal Size	MB	TB
16H33101FI URTL	ECO Harness in Retail Box with 6' Lanyard 3/4" hooks	1-D	Universal Size	MB	MB

KOALA BEHR Harnesses

Our most comfortable harness!

- Full Body Harness with Tubular Webbing and built-in memory padding provides outstanding comfort. No need for shoulder pads!
- Available with Single D-Ring, or 3 D-Ring configurations
- 5 Point Adjustment
- Plastic tips located at the end of each strap prevents fraying and allows the user to adjust the harness more easily even when wearing work gloves
- Adjustable Torso Straps
- High quality lanyard keepers
- Available with steel anti-panic quick connect buckles or tongue & buckle leg straps
- Rated to 352 lbs. (160kg) working weight

Part #	Description			Chest	Leg
16H02474FI	KOALA BEHR Harness	1-D	Universal Size	QC	QC
16H02474007FI	KOALA BEHR Harness	3-D	Universal Size	QC	QC
16H02772FI	KOALA BEHR Harness	1-D	Universal Size	MB	TB
16H02772007FI	KOALA BEHR Harness	3-D	Universal Size	MB	TB



PROTECT WITH DENTEC

CONTRACTOR Harnesses



- Full Body Harness
- Single Dorsal D-ring & Hip D-rings
- 5 Point Adjustment
- Shoulder Pads provide additional comfort when carrying tools
- Breathable foam back support material provides support while contouring to the individual's shape increasing overall comfort for extended use
- Plastic tips located at the end of each strap prevents fraying and allows the user to adjust the harness more easily even when wearing work gloves
- Adjustable Mating Buckles on Chest Strap
- Heavy Duty Friction Torso Strap Adjusters
- Removable Tool Belt & Lanyard Keeper
- Available in Tongue Buckle Leg Straps or Quick Connect with anti-panic latches
- Rated to 352 lbs. (160kg) working weight

CONTRACTOR SERIES SIZING

- Waist Sizes: 28" - 34" Small
- 34" - 38" Medium
- 38" - 42" Large
- 42" - 52" XLarge
- 52" - 54" 2XLarge

Part #	Description				Chest	Leg
16H12352WSMFI	Contractor Harness	3-D	BP	Small	MB	TB
16H12352WMFI	Contractor Harness	3-D	BP	Medium	MB	TB
16H12352WLF1	Contractor Harness	3-D	BP	Large	MB	TB
16H12352WXLFI	Contractor Harness	3-D	BP	XLarge	MB	TB
16H12352WXXLFI	Contractor Harness	3-D	BP	2XLarge	MB	TB
16H123533WSMFI	Contractor Harness	3-D	BP	Small	QC	QC
16H123533WMDFI	Contractor Harness	3-D	BP	Medium	QC	QC
16H123533WLGFI	Contractor Harness	3-D	BP	Large	QC	QC
16H123533WXLFI	Contractor Harness	3-D	BP	XLarge	QC	QC

CUSTOM HARNESS IMPRINTING

DENTEC offers a simple & easy imprinting program that will allow you to promote your company brand and identify your employees working on a site with multiple contractors.
Please inquire for more details!!!



PROTECT WITH DENTEC

INTERNAL ENERGY ABSORBER Lanyards



• Worker Mass Weight Including Tools
100-255lbs or 132-255lbs

Available Options:

- 3/4" Hook - 100-255lbs
- 2 1/4" Hook - 132-255lbs

SINGLE LEG

Part #	Description
16LSLM3611	IEA 6' Single Leg w / 3/4" Hook
16LSLM3621	IEA 6' Single Leg w / 2 1/4" Hook
16LSLM3611RT	IEA 6' Single Leg w / 3/4" Hook In Retail Box
16LSLM3621RT	IEA 6' Single Leg w / 2 1/4" Hook In Retail Box



EXTERNAL ENERGY ABSORBER Lanyards

Available Options:

- 3/4" Hook
- 2 1/4" Hook

• Worker Mass Weight
Including Tools 100-255lbs



SINGLE LEG

Part #	Description
16L111601	EEA 6' Single Leg w / 3/4" Hook
16L111602	EEA 6' Single Leg w / 2 1/4" Hook
16LSPL121601	EEA 6' TwinLeg w / 3/4" Hook
16LSPL121602	EEA 6' TwinLeg w / 2 1/4" Hook
16L111601RT	EEA 6' Single Leg w / 3/4" Hook In Retail Box
16L111602RT	EEA 6' Single Leg w / 2 1/4" Hook In Retail Box
6LSPL121601RT	EEA 6' TwinLeg w / 3/4" Hook In Retail Box
16LSPL121602RT	EEA 6' Twin Leg w / 2 1/4" Hook In Retail Box



TWIN LEG



• Worker Mass Weight
Including Tools 140-375lbs

Part #	Description
16LSL911601	EEA 6' Single Leg w / 3/4" Hook
16LSL911602	EEA 6' Single Leg w / 2 1/4" Hook
16LSL921601	EEA 6' TwinLeg w / 3/4" Hook
16LSL921602	EEA 6' TwinLeg w / 2 1/4" Hook



PROTECT WITH DENTEC

SELF RETRACTING DEVICES



- Composite Housing
- Swivel Load Indicator Hook



Options:

- Cable or Web
- 20', 30', or 50' (Cable)
- 7' or 11' (Web)
- 7' Twin Pack (Web)
- Type 1 SRL : 1.5m - 3m
- Type 2 SRL : Greater than 3m

Part #	Description	Type
16SRL007215	7' Web SRL	1
16SRL007215TWIN	7' Web SRL Twin Pack	1
16SRL0112115	11' Web SRL	2
16SRL0201115	20' Cable SRL	2
16SRL0301115	30' Cable SRL	2
16SRL0501115	50' Cable SRL	2



CARABINERS

Part #	Description	Part #	Description
16AD17426	PIN / ATL / FR / 2 1/4" GO / 45kN / 3.6M Gate	16AD17450	ATL / FR / 1/2" GO / 40kN / 3.6M Gate
16AD17443	PIN / ATL / FR / 1 1/2" GO / 35kN / 3.6M Gate	16ADN244G-TR	BLACK CARABINER FOR SRLs / 25kN



16AD17426



16AD17443



16AD17450



16ADN244G-TR

PROTECT WITH DENTEC

ROOFER'S KIT



- Full Body Harness - Available **Options:** • ECO or KOALA BEHR
- Polyester Lifeline 5/8" - Snap Hook on One End / Thimble on the Other End
- Permanently Attached Rope Grab with 30" External Energy Absorber Lanyard
- Roof Anchor
- Stowage Pail
- Lifeline - Available **Options:** • 25' or 50' Lifeline Length

ECO With Mating Buckles And 3 Point Adjustment

Part #	Description
16KROOF25	ECO Roofer's Kit with 25' Lifeline
16KROOF50	ECO Roofer's Kit with 50' Lifeline
16KROOF25KB	KOALA BEHR Roofer's Kit with 25' Lifeline
16KROOF50KB	KOALA BEHR Roofer's Kit with 50' Lifeline



KOALA BEHR With Anti-Panic Quick Connect Buckles And 5 Point Adjustment

LIFE LINES



Available Options :

- 25' or 50' with 3/4" Snap Hook / Thimble Eye

Part #	Description
16VL25-1	Vertical Lifeline - 5/8" x 25' with 3/4" Snap Hook / Thimble Eye
16VL50-1	Vertical Lifeline - 5/8" x 50' with 3/4" Snap Hook / Thimble Eye

ROPE GRAB



- Attached 30" External Energy Absorber Lanyard
- 3/4" Snap Hook



Part #	Description
16LRGGR 85-525	5/8" Trailing Rope Grab Lanyard
16LRGGR 85-525RT	5/8" Trailing Rope Grab Lanyard In Retail Box

ROOF ANCHOR



REUSABLE

- For temporary use on wood rooftops
- Can be installed with screws or duplex nails
- Fits up to 12/12 roof pitch
- Can be used between trusses when all holes are filled
- Meets standards for fall arrest

Part #	Description
16AD13053-1	Reusable Roof Anchor

ANCHOR CONNECTOR



- 5/8" Fixed Forged Anchor Connector
- Mounting surface must have minimum tensile strength of 5,000 lbs.
- 2 13/32" tall x 2 7/16" wide

Part #	Description
16ADCONAO46F5	5/8" D-Ring Anchor Connector
16ADCONN-AO46FSRT	5/8" D-Ring Anchor Connector In Retail Box



PROTECT WITH DENTEC

SIZING GUIDE & SYMBOLS

HOW TO MEASURE FOR A FULL BODY HARNESS (Measurements are over clothing)

Sizing Chart for Full Body Harnesses with Integral Waistbelt

Proper fit is critical for personal safety & working comfort. The charts below specify how to measure your body for the correct fit of Fall Protection equipment.

SIZE	WAIST MEASUREMENT INCHES	WAIST MEASUREMENT CENTIMETRES
S	32-40	80-100
M	36-44	90-110
L	40-48	100-120
XL	44-52	110-130
2XL	48-56	120-140



Fall Arrest



Positioning



Controlled Descent
&
Suspension



Fall Prevention



Limited Access
(Retrieval)



Ladder Climbing

Minimum & Capacity Weight Values (Including tool belts & accessories):

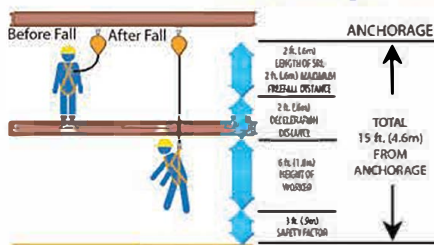
The fall calculations shown are specific to Dentec Safety fall protection products. Dentec lanyards offer three weight classifications with different maximum elongation (deployment).

You must factor the maximum elongation into your fall calculations for the specific lanyard.

CAPACITY :	AVERAGE ARREST FORCE :	MAXIMUM ELONGATION (DEPLOYMENT) :
45 kg (100 lbs) - 115 kg (255 lbs)	Max. capacity 255 lbs. - 3.1 kN (700 lbs)	1.2 m (3.9 ft.)
60 kg (132 lbs) - 115 kg (255 lbs)	Max. capacity 255 lbs. - 3.1 kN (700 lbs)	1.2 m (3.9 ft.)
64 kg (140 lbs) - 170 kg (375 lbs)	Max. capacity 375 lbs. - 4.0 kN (900 lbs)	1.75m (5.7 ft.)

FALL CALCULATIONS

Personal Fall Arrest System Anchorage Points

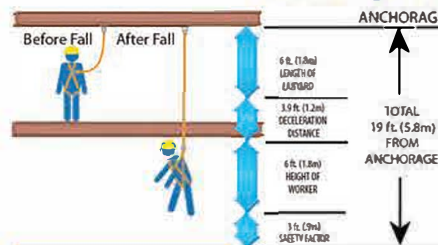


NOTE: When using a retractable lifeline (SRL), the distance is calculated from the point where the retractable attaches to the back D-ring of the worker's harness. Fall calculations are specific to Dentec Safety Fall Protection products & deceleration may differ dependant on SRL type.

Calculating Fall Clearance Distance Using a Retractable Lifeline (SRL)

- First, add the length of the SRL (2 ft.) to the maximum free fall distance (2 ft.) with a retractable lifeline to the maximum deceleration distance (2 ft. or 4.5 ft.) to the average height of a worker (6 ft.).
- Then, add a safety factor of 3 ft. to allow for the possibility of an improperly fit harness, a taller than average worker and/or a miscalculation of distance.
- The total, 15 - 17.5 ft. is the suggested safe fall clearance distance for this example. (Safe fall clearance may differ dependant on SRL type).

Personal Fall Arrest System Anchorage Points



NOTE: Should the energy absorbing lanyard be used in conjunction with a cross-arm anchorage connector or other, the additional length of the anchorage connector must be taken into consideration. Fall calculations are specific to Dentec Safety Fall Protection products & deceleration may differ dependant on lanyard type.

Calculating Fall Clearance Distance Using an Energy Absorbing Lanyard and D-Ring Anchorage Connector

- First, add the length of the energy absorbing lanyard (6 ft.) to the maximum elongation of the energy absorber during deceleration (3.9 ft. or 5.7 ft. - this is dependant on lanyard type) to the average height of a worker (6 ft.).
- Then, add a safety factor of 3 ft. to allow for the possibility of an improperly fit harness, a taller than average worker and/or a miscalculation of distance.
- The total, 19 - 21 ft. is the suggested safe fall clearance distance for this example. (Safe fall clearance may differ dependant on lanyard type).



SPECIALIZING IN SAFETY SOLUTIONS

www.dentecsafety.com

Toll Free: 1-888-533-6832

Toll Free Fax: 1-888-953-9946

Contact us: dentec@dentecsafety.com

Distributed by:



INTERCITY INDUSTRIAL

FICODIS

417 Huronia Road, Barrie, ON L4N 9B3

705-726-5012

SALES30@INTERCITYINDUSTRIAL.COM

PROTECT WITH DENTEC