



### COPA Approved Traction Devices – Stocked in Warehouse

Picture	Name / Model	Pros	Cons	Size	Men's	Women's
	Due North All Purpose 8-Point Traction Aid (Blue Dots)	<ul style="list-style-type: none"> <li>Effective on most snow/ice surfaces</li> <li>Use with caution on stairways, steps, grating, ladders</li> <li>Lightweight</li> </ul>	<ul style="list-style-type: none"> <li>Traction points (blue dots) can fall out over time and need replaced</li> <li>Less pliable during extreme cold (may slip off boots and can be harder to don/doff)</li> <li>Not as effective on packed snow</li> </ul>	S	3 - 7	4 - 8
				M	7.5 - 10	8.5 - 11
				L	10.5 - 13	11.5 - 13
				XL	Oversized boot: 10+ or Standard boot: 13.5 - 15+	
	ICE BEAST JD7725	<ul style="list-style-type: none"> <li>Effective on most snow/ice surfaces</li> <li>Use with caution on stairways, steps, grating, ladders</li> <li>Pliable in extreme cold for easy on/off</li> <li>Embedded studs do not fall out</li> </ul>	<ul style="list-style-type: none"> <li>Collects snow buildup in deep snow</li> <li>Sizes tend to run large</li> <li>Heavier than other traction devices</li> </ul>	S	5 - 7	7 - 9
				M	7.5 - 9.5	9.5 - 11.5
				L	10 - 11.5	12+
				XL	12 - 13.5	---
	Ice Trekkers Diamond Grip JD6625	<ul style="list-style-type: none"> <li>Effective on most snow/ice surfaces</li> <li>Aggressive traction for ice surfaces</li> <li>Pliable in extreme cold for easy on/off</li> <li>Fits and stays on most boots</li> </ul>	<ul style="list-style-type: none"> <li>Requires frequent donning/doffing if making transitions to/from snow/ice surfaces to other surfaces</li> <li>Should not be worn on stairways, steps, grating, ladders</li> <li>Slick on diamond plate, expanded metal, fiberglass wellhouse floors</li> <li>Metal components rust causing higher failure rate than other devices</li> </ul>	S	5 - 6	5 - 7
				M	6.5 - 9	7.5 - 10
				L	9.5 - 12.5	10.5+
				XL	12.5 - 14	---
	Rip's Ice Cleats 'Cer Mac' Mid-Sole Traction Aid	<ul style="list-style-type: none"> <li>Effective on flat snow/ice surfaces and for flat-footed walking</li> <li>Suitable for frequent in-and-out activities on varying surfaces</li> <li>Can be rotated to top of boot when walking on surfaces that are not covered with ice/snow</li> <li>Lightweight</li> </ul>	<ul style="list-style-type: none"> <li>Not ideal for boots without a defined heel or mid-sole arch</li> <li>Cleats can shift or roll to the side on angled or inclined surfaces</li> <li>Elastic bands can freeze in extreme cold, leading to potential slippage</li> <li>Can be difficult to select correct fit</li> </ul>	S	10"	
				M	10.5"	
				L	12"	
				XL	13"	

\*Measure around the arch of footwear. Subtract 2-4". Use this number to help select corresponding size above. Example: 14" arch - 2-4" = 10-12" (S, M, or L)

#### Alternative traction devices

Workers are allowed to wear footwear with Vibram™ Arctic Grip or Keen Polar Traction soles if:


- A [documented Risk Assessment](#) is completed and approved by the work group COPA Superintendent or COPA Contract Owner, and
- Footwear meets ASH requirements for protective footwear.

All completed risk assessments are located in the COPA HSE File Library: [HSE File Library - 5.24.9 Traction Device Risk Assessment](#)

Picture	Name / Model	Pros	Cons	Size
	Vibram™ Arctic Grip / Arctic Grip Pro Soles and Keen Polar Traction Soles	<ul style="list-style-type: none"> <li>Effective on many surfaces</li> <li>Suitable for frequent in-and-out activities on varying surfaces</li> <li>Use on stairways, steps, grating, ladders, indoors</li> <li>No user action to don/doff traction device</li> </ul>	<ul style="list-style-type: none"> <li>Not ideal for polished ice surfaces</li> <li>May need additional traction aids when conditions warrant</li> <li>Soles degrade quickly and require frequent inspection to ensure effectiveness.</li> <li>Should not be worn during summer months.</li> </ul>	Not standard warehouse stock. See manufacturer information for sizing.



**COPA Approved Traction Devices – NOT Stocked in Warehouse**

Picture	Name / Model	Pros	Cons	Size
	HIGH-PRO JD6625	N/A	N/A	Not standard warehouse stock
	GRIP-X JD3500	N/A	N/A	Not standard warehouse stock
	Ergodyne TREX Ice Traction Device 6130	N/A	N/A	Not standard warehouse stock
	ALTRAGRIPS-LITE Low Profile / High Profile	N/A	N/A	Not standard warehouse stock
	Due North All Purpose 6-Point Traction Aid	N/A	N/A	Not standard warehouse stock
	Snowgear Fleece-Lined Rubber Overshoe #17	N/A	N/A	Not standard warehouse stock
	LaCrosse Tracktion 2 Buckle Overshoe 00367130	N/A	N/A	Not standard warehouse stock
	LaCrosse Tracktion 4 Buckle Overshoe 00367190	N/A	N/A	Not standard warehouse stock
	NEOS Explorer STABILicers Outsole EXSG	N/A	N/A	Not standard warehouse stock



**HSE Requirements: Personal Protective  
Equipment - PPE**  
Owner: NS Contractor Safety Specialist



## Traction Device Risk Assessment – Example

<b>Company:</b>	COPA		<b>Work Group:</b>	COPA O&M Personnel	
<b>Proposed Alternative Traction Device</b>					
<b>Manufacturer(s):</b>	Royer, Keen			<b>Model(s):</b>	Multiple with steel/composite toe (ASH Compliant)
<b>Additional Information:</b> <i>(Traction technology, pictures, etc.)</i>	Arctic Grip, Arctic Grip Pro, Keen Polar Traction				
<b>Traction Device Allowances</b>					
The traction device(s) are allowed for use during the following: Winter conditions in lieu of standard spikies					
<b>Specific work activities</b>			<b>Specific locations</b>		
All winter outside work activities except walking/working on glare/polished ice as a personal risk assessment (PREP) must be completed to determine if traction devices should be worn in addition to the arctic grip sole boots.			WNS Field Wide		
<b>Hazard Identification &amp; Mitigations</b>					
<b>Hazards when using traction device</b>			<b>Hazard mitigations</b>		
Working on ice pads/roads			Spiky style traction devices are required on ice pads/roads		
Traction limitations on polished ice			Individuals will be expected to make good risk-based decisions (PREP) and wear spikies when conditions warrant.		
Soles can wear faster than normal			Conduct user sole inspection for traction wear at least annually		
<b>Superintendent (or equivalent) Approval</b>					
<b>Print Name</b>		<b>Signature</b>		<b>Date</b>	
<i>The Work Group Leader/Supervisor is responsible for communicating this task hazard assessment and ensuring compliance within their specific work group. Assessment is valid until rescinded or updated and re-approved by Superintendent.</i>					