

# Hill Climber Rope With EPDM, Type 3

COR10543



Item no. COR105431-1101

General Product Information

Dimensions LxWxH	8'6"x0'9"x8'0"
Age group	2 - 12
Play capacity (users)	5
Color options	



The fun of fundamentals make children play again and again: the Hill Climber invites and supports rappelling up steep hills. The wonderful combination of stemming the feet onto the hill, holding tight to the rope and leaning back, walking upwards is a repeatedly thrilling experience. Apart from being great fun, the combination of movement also provides

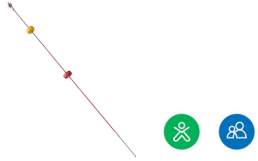
great gross motor and muscle training. Hands, arms and upper body get trained when gripping the perfectly sized rope. Legs are developed walking up and core muscles are put to work when leaning back, tensioning the core. The motor skill training is intense: the spatial awareness, the sense of balance and the coordination come to full use. This stimulates

the overall motor confidence of the child and helps trains abilities like judging distances – important in street traffic.



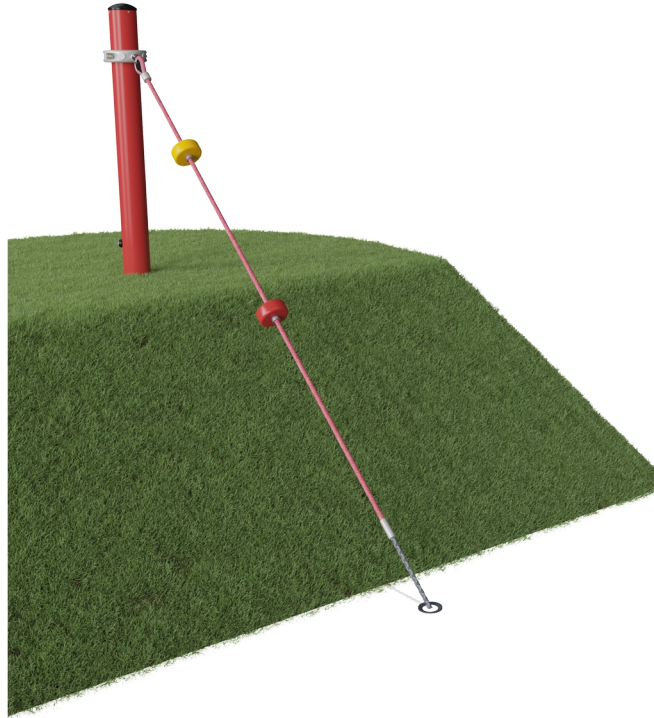
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## Hill climber rope with discs

**Physical:** trains cross coordination, balance and muscle strength. Cross coordination also stimulates cross-modal perception, necessary for skills such as reading. **Social-Emotional:** the discs define sections so that children develop turn-taking and cooperation skills when rappelling together.



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Corocord ropes with 19mm diameter or more are special 'Hercules' - type with galvanized six-stranded steel wires. Each strand is tightly wrapped with PES yarn, which is melted onto each individual strand. The ropes are highly wear-and vandalism-resistant and can be replaced at site if needed.



The metal parts are made of high quality steel, hot dip galvanized inside and outside with lead-free zinc. On the outside, there is an additional layer of powder coating. This ensures both excellent corrosion resistance and colorful design expression.



Corocord aluminium clamps are used as connectors between steel posts and rope. Two aluminium castings are bolted together. The height of the clamps is thus variable.



The COROCORD Hill climbers are available in 8 galactic colour themes. The themes draw on bright colors that appeal to children of all ages.

Hill climber ropes are ideal embankment play products, usable on slopes of 20-60° and available in various lengths.

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Installation Information	
Max. fall height	0'0"
Safety surfacing area	234ft²
Total installation time	2.3
Excavation volume	1.74yd³
Concrete volume	1.09yd³
Footing depth (standard)	3'7"
Shipment weight	115lbs
Anchoring options	In-ground ✓
Warranty Information	
Corocord Rope	10 Years
S-Clamps	10 Years
EPDM components	2 Years
Spare Parts Availability	10 Years

Elevated activities 0	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	0	1	1
Required	0	1	1

**ASTM  
F1487**  
compliant

# Sustainability Data

COR10543



Cradle to Gate A1-A3	Total CO <sub>2</sub> emission	CO <sub>2</sub> e/kg	Recycled materials
	kg CO <sub>2</sub> e	kg CO <sub>2</sub> e/kg	%
COR105431-1101	140.10	3.12	44.60

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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## Verification of CO<sub>2</sub> calculation of: Corocord



Data version no. 2023-10-05

The CO<sub>2</sub> calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Corocord" represented by item no.: COR314011-1101.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

**Date: 30. October 2023 | Valid until: 30. October 2025**  
**Verified by:**

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO<sub>2</sub> calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

**Publication date: 30. October 2023**

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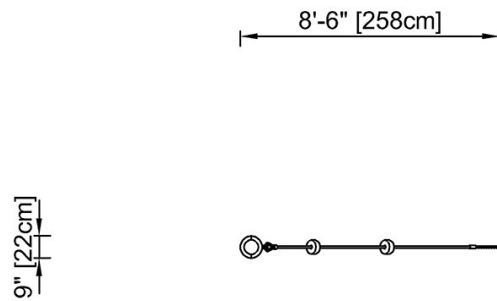


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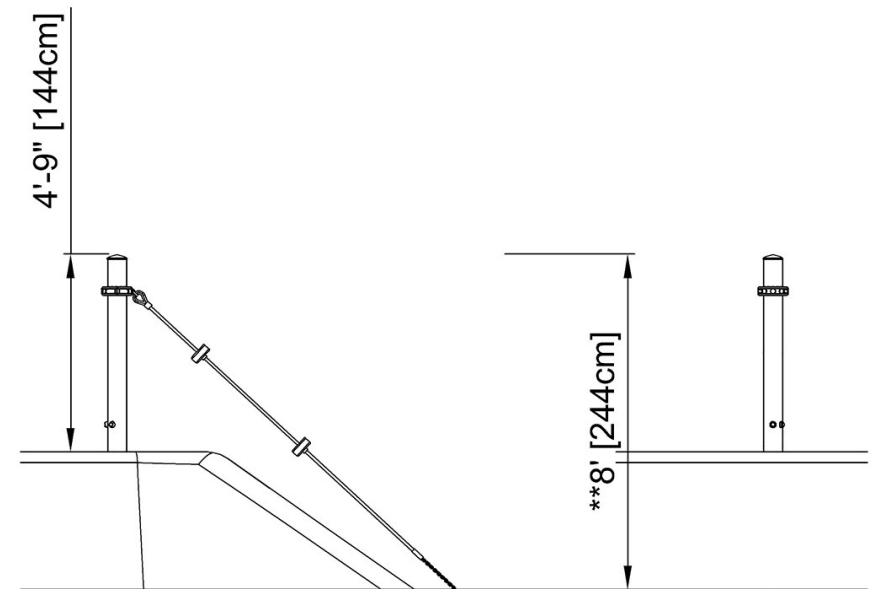
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\* Max fall height | \*\* Total height | \*\*\* Safety surfacing area

\* Max fall height | \*\* Total height



COR105431  
\* 0'-0" / 00cm  
\*\* 8' / 244cm



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Note: Total height (\*\*) is variable

[Click to see TOP VIEW](#)

[Click to see SIDE VIEW](#)