



How to choose a rope?

Discipline	Requirements	Rope type	Dry Treatment	MAXIM Rope
Trad/Sport climbing (Projecting/Guiding)	<ul style="list-style-type: none"> — Robust — Long lasting — High number of UIAA falls — Abrasion resistance — Bi-Pattern for multi-pitch or rappelling 	<ul style="list-style-type: none"> ① Single rope 	<ul style="list-style-type: none"> — 2x-Dry dependent on weather conditions — STD-Dry dependent on weather conditions 	<ul style="list-style-type: none"> — Maxim Platinum 9.8mm — Charity Series 9.9mm — Apex 9.9mm or 10.2mm — Equinox 9.9mm or 10.2mm
Trad/Sport climbing (Multi-pitch/Redpoint)	<ul style="list-style-type: none"> — Light weight — Thin and skinny — More robust for sharp edges/scary situations (10.2mm) — Bi-Pattern for multi-pitch or rappelling 	<ul style="list-style-type: none"> ① Single rope ⊕ Twin rope ½ Half rope — (triple certification if available) 	<ul style="list-style-type: none"> — 2x-Dry dependent on weather conditions — STD-Dry dependent on weather conditions 	<ul style="list-style-type: none"> — Maxim Platinum 9.8 mm — Airliner 9.1mm — Pinnacle 9.5mm — Glider 9.9mm or 10.2mm — Unity 8.0mm/9.0mm — Personal Escape Rope
Top-roping/Gym climbing	<ul style="list-style-type: none"> — Robust and long lasting — High number of UIAA falls — High sheath proportion — Intermediate cover — Reduced sheath slippage — No twist in the rope — Bonded construction if applicable — 35 or 40m for indoor lead lines 	<ul style="list-style-type: none"> ① Single rope 	<ul style="list-style-type: none"> — STD-Dry 	<ul style="list-style-type: none"> — Chalkline 9.7mm, 10.2mm or 10.8mm — Chalkline Soft 10.2mm — Apex 9.9mm or 10.2mm — Equinox 9.9mm or 10.2mm
Ice climbing	<ul style="list-style-type: none"> — Light weight — Dry-treated — Lower impact force 	<ul style="list-style-type: none"> ① Single rope ⊕ Twin rope ½ Half rope — (triple certification if available) 	<ul style="list-style-type: none"> — 2x-Dry 	<ul style="list-style-type: none"> — MAXIM Platinum 9.8mm — Airliner 9.1mm/2xDry — Pinnacle 9.5mm/2xDry — Glider 9.9mm/2xDry — Unity 8mm/9mm
Alpine/Mountaineering	<ul style="list-style-type: none"> — Light weight — High abrasion resistance — Dry-treated — Lower impact force 	<ul style="list-style-type: none"> ① Single rope ⊕ Twin rope ½ Half rope — (triple certification if available) 	<ul style="list-style-type: none"> — 2x-Dry 	<ul style="list-style-type: none"> — Airliner Bi-Pattern or Single Pattern 9.1mm — Unity 8mm/9mm
Big Wall Climbing	<ul style="list-style-type: none"> — High abrasion resistance — High sheath proportion — High number of UIAA falls 	<ul style="list-style-type: none"> ① Single rope 	<ul style="list-style-type: none"> — 2x-Dry dependent on weather conditions — STD-Dry dependent on weather conditions 	<ul style="list-style-type: none"> — Maxim Platinum 9.8mm — Apex 9.9mm/10.2mm/10.5mm
	<ul style="list-style-type: none"> — Static ropes for hauling gear, jumaring, fixing and rappelling) 	<ul style="list-style-type: none"> — Static rope 	<ul style="list-style-type: none"> — Polyester for minimum absorption 	<ul style="list-style-type: none"> — KM III / Patron — Personal Escape Rope
Caving/Canyoneering	<ul style="list-style-type: none"> — High abrasion resistance — Low weight — Low water absorption — Heat resistance 	<ul style="list-style-type: none"> — Static rope 	<ul style="list-style-type: none"> — 2x-Dry or Polyester 	<ul style="list-style-type: none"> — Canyon Elite — Canyon Classic — KM III / Patron — KM III Max — Personal Escape
Photography/Rappelling	<ul style="list-style-type: none"> — High abrasion resistance — Low/No stretch 	<ul style="list-style-type: none"> — Static rope 	<ul style="list-style-type: none"> — 2x-Dry or Polyester 	<ul style="list-style-type: none"> — KM III / Patron — KM III Max — Patron

*Rope Length: No recommendation on rope length is made because it is dependent on the length of the climbed route