Teufelberger
Together in Motion

ROPE WEIGHT

Usually, rope-assisted work methods are employed in environments where using other techniques is not feasible. In many cases, such scenarios involve very great heights that also pose a challenge when it comes to the transport of materials. Consequently, rope weight plays an important role.

Especially during work at great heights, rope weight is crucial, e.g., up on tall wind turbines or television towers. When using two ropes of a length of 200 m each, 10g of difference in weight per meter add up to as much as 4 extra kilograms to be hoisted up to the work site. Thus, rope weight is increasingly gaining in importance: not only in conjunction with transport tasks, but also with the actual work to be performed. The following comparison illustrates the differences in weight between 10.5 mm and 11 mm diameter ropes to EN 1891 A from TEUFELBERGER.

CE results weight // 10.5mm ropes

Rope	Diameter mm	Weight g/m
Tutor XG	10.5	70.5
PLATINUM® Protect PA	10.5	72.0
Patron PLUS	10.5	72.0
Patron	10.5	72.0
Fides III	10.5	74.0
PLATINUM® Protect PES/PA	10.5	78.0
PLATINUM® Offshore Access	10.5	78.0
KM III	10.5	85.0

CE results weight // 11mm ropes

Rope	Diameter mm	Weight g/m
Patron PLUS	11.0	75.0
Patron	11.0	75.0
Tutor XG	11.0	76.0
Fides III	11.0	80.0
Comes	11.0	82.0
PLATINUM® Protect XG PES/PA	11.0	86.0
KM III	11.0	86.3
Ultrastatic	11.0	88.0