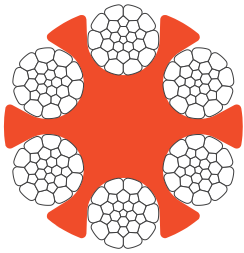
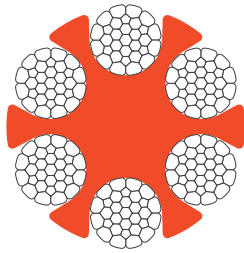


# Whisper®

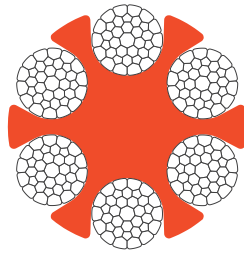
Highly reliable, Whisper® is a new breed of ropeway rope that reduces vibration and noise levels, optimising passenger comfort.



**Whisper®**  
6x26WSR



**Whisper®**  
6x31WSR



**Whisper®**  
6x36WSR

The outer circumference of **Whisper®** offers a smooth interface between the rope and sheaves, clamps and rollers.

## Features

- ▶ Compacted strand.
- ▶ Wire class compositions from 1770 to 2160 MPa.
- ▶ Splice.
- ▶ Pitch length remains unchanged.
- ▶ With CE certification, the Whisper® splice is specially developed to optimise its lifespan.
- ▶ The double-butteted strands provide a lifespan that extends far beyond a standard splice.
- ▶ Controlling the inner-strand space reduces the contact forces between wires.

Composition	Diameter	Section	Mass	Minimum breaking load
	mm	mm <sup>2</sup>	kg/m	(kN)
6x26WSR	40.5	654	5.80	1175
6x26WSR	42	715	6.34	1283
6x31WSR	45	801	7.27	1456
6x31WSR	46	837	7.56	1521
6x31WSR	48	922	8.29	1673
6x36WSR	50	993	8.96	1814
6x36WSR	52	1074	9.70	1962

Approximate values

**Please note:** Other diameters with other tolerances than those illustrated can be manufactured on request.

## Benefits

- ▶ Suitable for track/hauling ropes.
- ▶ The core fins fill the inter strand spaces to improve comfort of use and operation.
- ▶ Enhanced resistance and lifespan due to compacted strand (lifetime of spliced loop 30% longer than a standard cable).
- ▶ Adapts to your existing systems.
- ▶ Significant reduction in maintenance costs.
- ▶ Bandage wear less on a conventional cable.
- ▶ Whisper® is recommended for use on intensive use equipment that operates 24/7, especially for urban or mountain region rope transport systems.
- ▶ Significant reduction of noise.

## Applications



Detachable Chairlift



Gondola 2S/3S



Gondola



Funitel



Cable Car



Material Cable Car



Funicular

**QUALITY**  
ArcelorMittal ROPES operates an internal DNV-Certified Quality Assurance System which complies with the requirements of ISO 9001.  
Our production plant in Bourg-en-Bresse is certified OHSAS 18001 for safety management.  
Please contact us for a full list of our international standards.



## Whisper® wire rope properties

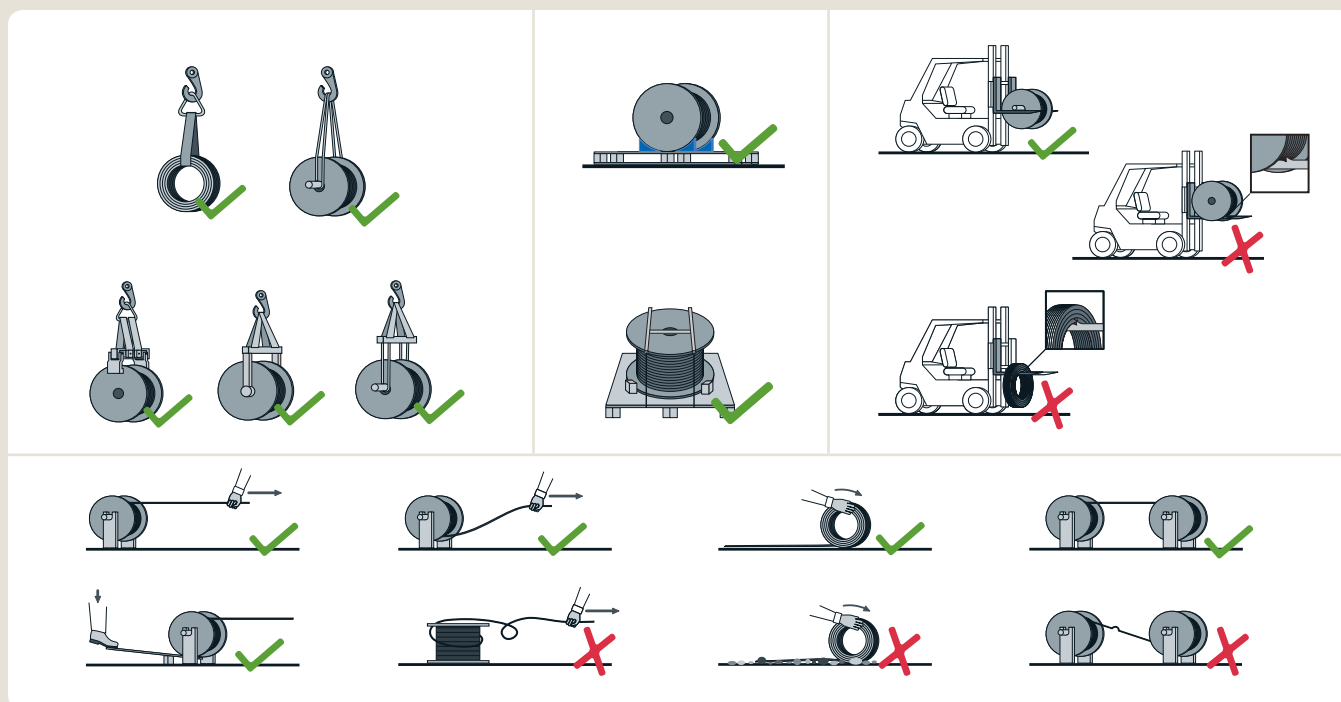
<b>Lubrication</b>	<b>Compaction</b>	<b>High Breaking Resistance</b>	<b>Resistance to Crushing</b>	<b>Bending Fatigue Resistance</b>	<b>Corzal® Wire Coating</b>	<b>Bright Wire</b>	<b>Galvanised Wire Coating</b>	<b>Lang Lay Rope</b>
Extends the life and increases rope performance.	Smoother outer surface with increased strength and reduced wear.	Ropes featuring a high breaking force.	Ropes designed to withstand or resist external forces.	Ropes designed to cope with bending repeatedly under stress.	Corzal® is an eutectic alloy of 95% zinc and 5% aluminium that resists corrosion up to 3 times longer than a pure zinc coating.	Drawn steel, pickled and phosphated and suitable for non corrosive environments.	Zinc coating suitable for corrosive environments.	Increased wear resistance and flexibility.

## Storage and maintenance

The rope must be adequately maintained and regularly lubricated, as often as it is necessary, but at least when the rope works in extreme conditions and before/after prolonged inactivity. The lubricant must be compatible with the original grease. Before re-lubrication, the wire rope must be dry and cleaned by scraping. Cleaning by cloth, cryogenic spray, high pressure cleaner and solvents are forbidden.

When stored, the rope should be kept in a dry and ventilated environment with no direct contact with the floor and an air flow under the reel. Visual inspection is necessary before the use of a stored wire rope. In case of doubt of the quality of the wire rope, we can help you to find and make additional inspection analysis.

## EWRIS handling recommendations



At all times, contact of the rope with any metallic pieces should be avoided to prevent early damage.



**EWRIS**  
European Federation of Steel Wire Rope Industries

© EWRIS 2010



All information in this promotional material shall illustrate products and services in a non final way and invite to further technical or commercial explanation; they are not contractual. © ArcelorMittal 2019.

## High performance Ropeway Ropes for the most demanding environments

ArcelorMittal ROPES, 25 Avenue de Lyon, BP 38, F-01002 Bourg-en-Bresse Cedex  
Telephone: +33 4 74 32 81 79 | Fax: +33 4 74 32 81 05 | Email: ropeway.ropes@arcelormittal.com

[www.arcelormittal.com/wireropes](http://www.arcelormittal.com/wireropes)

**ArcelorMittal ROPES**

ENGINEERING EXCELLENCE