MAC.RO SYSTEM - HR-CAP
PROTECTIVE CAPS FOR STEELGRID® HR MESH SYSTEM

Maccaferri Steelgrid® HR mesh kit

The **Steelgrid® HR** mesh kit is a new woven steel geocomposite mesh kit for geotechnical, rockfall mitigation and slope stabilisation applications.

Steelgrid® HR is made by interweaving high tensile steel wire ropes longitudinally into high resistance double twist mesh during the manufacturing process to form a single geocomposite mesh product. The ropes lie straight within the finished mesh providing exceptional strength and stiffness (high strength at low strain).

Steelgrid® HR mesh is available in two specifications;
- **HR** (with a Class A Zn/Al - Galmac® - galvanised coating)
- **HR-PVC** (with Class A Zn/Al - Galmac® - coating and an additional PVC coating on both wires and ropes).

Steelgrid® HR and **HR-PVC** are available in a range of variants, 30, 50 and 100, offering different strengths.

The **Steelgrid® HR** variants make this high strength and high stiffness (low displacement) geocomposite mesh suitable for a broad range of applications from high strength rockfall protection draperies to low-deflection pinned drapery installations and soil slope stabilisation.

To achieve optimum performance, the **Steelgrid® HR** mesh should be used with a range of carefully tested **kit-specific accessories** to form a complete system that is ready for installation.

HR-Cap

The **HR-Cap** is a high specification accessory product which compliments installations of either Steelgrid® HR or HR-PVC.
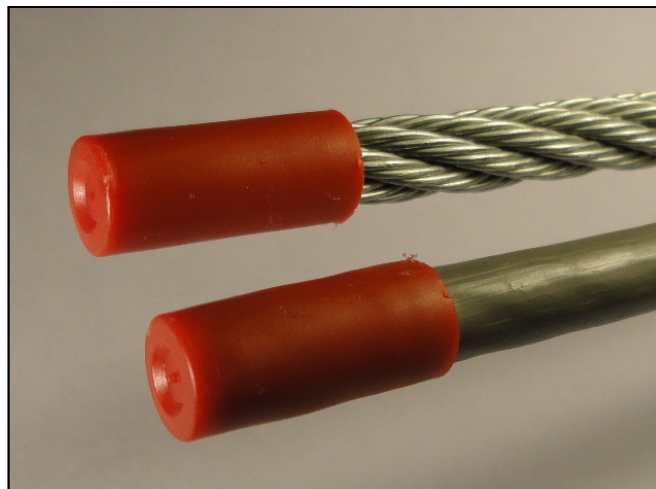
The caps have been extensively tested to ensure excellent fit on the ropes used in both Steelgrid® HR and HR-PVC meshes. Installation of the cap is quick and requires no tools.

The Steelgrid® HR mesh kit **HR-Cap** is a recommended accessory for projects involving **Steelgrid® HR-PVC**.
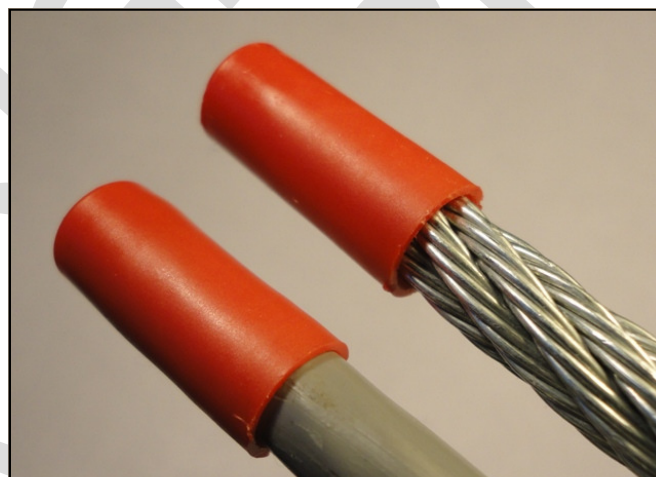
HR-Cap Product Data
- HR-Cap Material: *LDPE*
- Compatibility: *Steelgrid® HR & HR-PVC ropes*
- Unit Weight: *<1gram/pieice*
- Colour: *Red (Varies by region)*
- Minimum cap ejection pressure*: *5kg/cm^2*

HR-Cap for use as part of the Steelgrid HR mesh kit

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Steelgrid HR mesh

* Applies to standard HR-PVC rope, tested in submerged test at 20°C using high pressure air pump.

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