

Bioflex Ultra External Protection Systems

SG - Safeguard Protection Sleeve



Purpose

To protect the hose against external abrasion and mechanical damage. For use in applications where maximum external protection is required with minimum extra hose weight. Particularly useful with PB hose, where a rubber cover is not an option.

Design

A lightweight black, HDPE (High Density Poly Ethylene) strip spirally wound around the outside of the hose over its whole length, secured to each end fitting by crimping under a SS ferrule.

Limitations

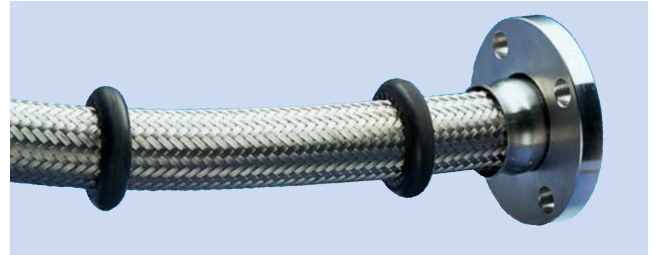
Safeguard is applicable to all hose grades and all hose sizes from 1/2" up to 2".

Safeguard is limited to use within a temperature range from -40°C (-40°F) up to +110°C (230°F). Internal fluid temperatures up to 140°C (284°F) are acceptable, when external temperatures are ambient.

The minimum hose assembly length must be doubled if Safeguard is being used. The maximum assembly lengths for all sizes are capped at 20 metres (65 feet).

Other hose usage limitation specifications are not altered by the addition of Safeguard.

SR - Scuff Rings



Purpose

For medium duty applications where the hose requires some protection against abrasion when dragged over the ground, but where a full rubber cover would be too heavy and cumbersome. Also for PB braided hose, which cannot be Rubber Covered.

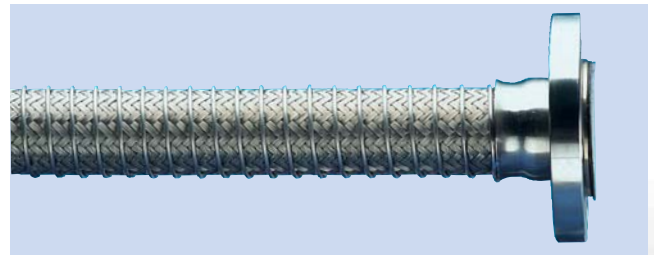
Design

Specially moulded abrasion resistant rubber scuff rings are placed every half metre along the hose.

Limitations

Available for hose sizes 1" (25mm) to 2" (50mm) only. The operating temperature should not exceed 140°C (284°F) (internal).

PC - Protection Coil



Purpose

For applications where the hose requires protection against abrasion when dragged over the ground, but where any rubber reinforcement is not permissible due to temperature, chemicals etc.

Design

A stainless steel wire helix is wound onto the braid and welded to the ferrules at each end.

Limitations

Available for all sizes and Grades of Bioflex Ultra Hose including rubber covered grades.

Maximum assembly lengths for all sizes are capped at 30 metres (100 feet).

Specifications

As for the relevant Hose Grade.

