



Monarflex Agricultural Sheeting

Technical Data Sheet

Special UV-Protection:

The entire Monarflex Greenhouse product range has been developed with the most recent technologies in UV-protection. A special UV stabilizer has been added to all the products in order to protect the sheeting from UV radiation and chemical influences. The stabilizer provides a chemical and acid resistant sheeting.

Monarflex 150 GH is a super light yet strong greenhouse sheeting, produced from two virgin layers of Low Density Polyethylene (LDPE) with a reinforced multifilament grid. The **Monarflex 150 GH** is the safe choice when strength and durability is requested. Less frequent replacement of material and usable in all weather conditions makes it the most economical sheeting in the market.

Monarflex Ultra 250 mono consists of two layers environment friendly Low Density Polyethylene (LDPE) with a strong reinforced monofilament grid. The **Monarflex Ultra 250 mono** is available with and without Monarflex' unique and flexible rubber eyelet fixing system which saves time when mounting and at the same time preserves the strength of the sheet.

Monarflex Ultra G is a special heavy-duty greenhouse sheeting with extremely high UV-protection in two thick virgin Polyethylene layers (LDPE) with a strong reinforced monofilament grid. The **Monarflex Ultra G** is only available without Monarflex' rubber eyelets. The Monarflex Ultra G sheet itself has tremendous strength and can be applied with wooden boards, steel tubes or similar.

The Monarflex range of greenhouse sheeting is permeable to CO² and artificial CO enrichment is not necessary. In very hot climates it can be necessary to protect the sheeting from the hot framework to avoid destroying the sheet.

Product Range	150GH		250 Ultra		320 Ultra G	
Roll Size	2m x 50m	4m x 50m	4m x 25m	4m x 50m	4m x 25m	4m x 50m
Weight (kg)	17kg	33kg	26kg	52kg	32kg	64kg
Product Code	14313	14315				
Material	2 layers of LDPE reinforced 12 x 12mm multifilament grid PET 1100 dtex		2 layers of LDPE reinforced 12 x 12mm mono grid 0.38mm dia green thread		2 layers of LDPE reinforced 12 x 12mm mono grid 0.38mm dia green thread	
Colour	Yellowish		Clear with green grid		Clear Yellowish	
Light Transmission	75%		76%		76%	
Gross Weight	165g/m ²		260g/m ²		320g/m ²	
Thickness	0.150mm		0.250mm		0.320mm	
Tensile Strength	7.1kN/m		5.9kN/m		5.9kN/m	
Thermal Stability	-40°C to +75°C		-40°C to +75°C		-40°C to +75°C	
Resistance	Water / rot proof IR/UV resistance		Water / rot proof IR/UV resistance		Water / rot proof IR/UV resistance	
Special Features	Very high UV protection		High UV protection		Very high UV protection	
Durability	~ 3 years		~ 3 years		~ 6 years	

Health and Safety

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Health and safety data sheets are available for all materials. Please go to monarflex.com.au for more information.

Quality Assurance

Monarflex® Agricultural sheeting is supplied under a Quality Management System approved to ISO 9001: 2000 by BSI Quality Assurance.

