

Grip Polyester™

Grip Polyester Firm • Grip Polyester Soft



OVERVIEW & FEATURES

Grip Polyester reinforcement fabric is used as the reinforcement layer in a cold-applied restoration system. It has superior tensile strength and excellent elongation. The lightweight polyester-reinforcing fabric is unaffected by water immersion and UV radiation when covered with roof coatings or aggregate. Grip Polyester Soft differs from Grip Polyester Firm by conforming more easily and readily to irregular shapes and surfaces, making it ideal for use over irregular surfaces.

Temperature Resistance - Grip Polyester can withstand temperatures up to 400°F (204°C) for short periods of time and temperatures up to 350°F (177°C) for indefinite periods.

Superior Strength - Grip Polyester has superior tensile strength and excellent elongation, providing long-term protection. The fabric will not unravel or break.

Weathering - Grip Polyester has outstanding resistance to cold temperatures, cracking, rotting and solvents. It is also unaffected by water immersion.

APPLICATION

As the reinforcement layer in a cold-applied roof maintenance system, Grip Polyester is embedded in a base layer of a cold-applied roof coating, carefully broomed to ensure complete adhesion, and top dressed with an additional layer of a cold-applied roof coating. After a 30-day curing period, the coating system is aluminized or coated with a white coating.

Grip Polyester Firm is suitable for smooth built-up and modified roof applications. Grip Polyester Soft can be used over irregular surfaces such as metal roofs and with Garland's White-Knight®/White-Stallion® system.

Technical Data	Grip Polyester Firm	Grip Polyester Soft
Tensile Strength ASTM D 3786	75.3 lbs. (34.2 kg)	57.1 lbs. (25.9 kg)
Tear Strength	17.4 lbs. (7.89 kg)	16.1 lbs. (7.30 kg)
Elongation ASTM D 3786	44.25%	61.65%
Weight per Area	3 oz./sq. yd. (102 g/m ²)	3 oz./sq. yd. (102 g/m ²)
Mullen Burst ASTM D 3786	139 lbs. (63 kg)	176 lbs. (80.2 kg)

Roll Dimensions	Grip Polyester Firm	Grip Polyester Soft
Width*	3 ft. 4 in. (1.01m)	3 ft. 4 in. (1.01m)
Length*	324 (98.75 m)	324 (98.75 m)
Weight	30 lbs. (13.60 kg)	30 lbs. (13.60 kg)
Nominal Thickness	15 mils (381 microns)	15 mils (381 microns)
Net Coverage	1,000 sq. ft. (92.9 m ²)	1,000 sq. ft. (92.9 m ²)
Packaging	25 rolls/pallet	25 rolls/pallet

* Grip Polyester Firm is also available 12 inch wide rolls and is 300 feet long.

* Grip Polyester Soft is also available in 4 inch, 6 inch, or 12 inch wide rolls and all are 300 feet long.

For specific application recommendations, please contact your local Garland Representative or Garland Technical Service Department.



For more information, visit us at: www.garlandco.com

The Garland Company, Inc.
3800 East 91st Street
Cleveland, OH 44105
FAX: 216-641-0633
Phone: 216-641-7500
Toll Free: 800-321-9336

Garland Canada Inc.
209 Carrier Drive
Toronto, Ontario
Canada, M9W 5Y8
FAX: 416-747-1980
Phone: 416-747-7995
Toll Free: 800-387-5991
(Only in Canada)

The Garland Company UK LTD
Second Way Centre, Second Way
Avonmouth, Bristol UK BS11 8DF
Phone: 011 44 1174 401050 (Outside UK)
Toll Free: 0800 328 5560 (Only in UK)

Tests verified by independent laboratories. Actual roof performance specifications will vary depending on test speed and temperature. Data reflects samples randomly collected. ± 10% variation may be experienced. The above data supersedes all previously published information. Consult your local Garland Representative or the home office for more information.

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