

A natural rubber for safe long-term food contact

Linagard FG is a high quality natural rubber compound manufactured from FDA (Food & Drug Administration 177.2600) approved ingredients. It is designed for applications requiring safe long term food contact and wear resistance.

Linagard FG is ideally suited to handling organic and inorganic materials in damp and/or aqueous conditions. Linagard FG combines food safe performance with an unmatched wear performance to provide a truly unique Food Grade rubber compound.

Features

- Food safe
- Non-marking
- Excellent resistance to wet abrasion
- Excellent cut and tear resistance

Applications

- Lining in areas of food processing
- Pharmaceuticals and cosmetics industry
- Linatex hose and valve manufacture
- Gasket industry

Size/Availability

- Standard sheet size:
9.25 m x 1.23 m nominal (approx. 30ft x 4ft)
- Part sheets available to order
- Standard thickness range:
1.5 mm to 35.0 mm (approx. 1/16" to 13/8")
- Moulded components available from stock and made to order



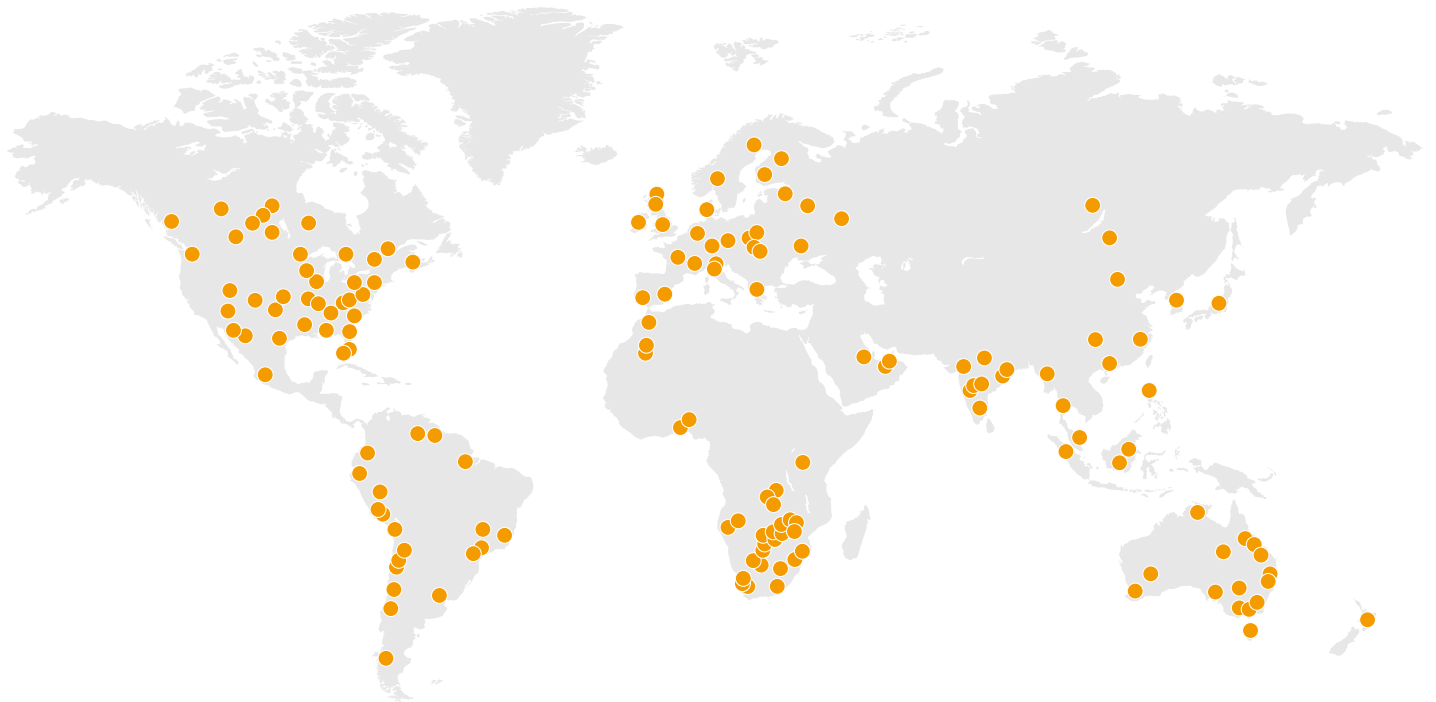
Bonding Systems and Installation

Specifically designed two part bonding systems are available from Weir Minerals. Please consult your local representative for advice on the most suitable bonding method.

www.weirminerals.com

Typical Physical Properties

	TEST STANDARD	LINAGARD FG
Polymer Type		Natural Rubber
Hardness (IRHD)	ISO 48 – 1994	40
Modulus @ 500% (MPa)	ISO 37 – 2005	3.5
Tensile Strength (MPa)	ISO 37 – 2005	20.0 (2900psi)
Elongation at Break	ISO 37 – 2005	750%
Tear Strength (N/mm)	ISO 37 – 2005	45 (257 lbf/in)
Specific Gravity	BS 903: Part A1: 1995	0.99
Resilience	BS 903. Part A8: 1990	88%
Operation Temperatures (Continuous use)		-40°C to +70°C/ -40°F to +158°F
Colour		White



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