



Linaplus FGL is a high quality natural rubber compound manufactured from FDA (Food & Drug Administration) approved ingredients. Linaplus FGL offers safe long-term food contact plus outstanding wear resistance.

### **Applications**

Linaplus FGL is particularly suited to handling materials and foodstuffs in damp or aqueous conditions. Applications include chute, hose and pump linings for transfer of slurries, valve sleeves, pulley lagging, skirting rubber and general linings and moulded components in many areas of food processing, pharmaceutical and cosmetics manufacturing.

Physical and performance properties are similar to those proven with Linatex rubber.

- Food safe.
- Excellent resistance to wet abrasion.
- Tolerates a wide range of chemicals.
- Outstanding resilience.
- Low Permanent set.
- Non-Marking.
- Remarkable cut and tear resistance.
- Very good flexibility.

### **Quality Assurance**

Linaplus FGL products are subjected to strict quality controls from raw materials selection through to material handling and packing. Our manufacturing facility for Linaplus FGL sheet products meets the requirements of ISO 9001 in line with the company's commitment to Total Quality Management.

### **The Flexible Option**

To meet your needs, Linatex can provide a custom engineered solution based on world class experience in rubber applications, or supply standard sheet and products for the user to install. Linatex can also manufacture moulded components to customer design. Options are as flexible as the product itself.

### Product Description

Linaplast FGL is a non-marking natural based vulcanisite, manufactured from FDA approved ingredients for long term food contact applications.

### Recommended Applications

Recommended for a wide range of applications including chute and hose linings, general gasketing, counter tops, skirtings and general linings in areas of food processing, pharmaceutical and cosmetic manufacturing.

### Size/Availability

- Standard sheet size: 9.25 m x 1.23 m nominal.
- Part sheets available to order.
- Standard thickness range: 2.0 mm to 35.0 mm (approx. 1/16" to 1 3/8").
- Moulded components available from stock/to order.

### Bonding Systems

One and two part bonding systems, depending on application method and required service, are available from Linatex. Please consult your local representative.

### Storage

Recommended practice is to store away from direct heat and sunlight in accordance with 'ISO 2230:- VULCANISED RUBBER' – Guide to Storage'.



### Material Specification

Physical Property	Test Standard	Typical Value
Colour		White
Polymer Type		Natural Rubber
Hardness (±5)	ISO 48-1994	38 IRHD
Tensile Strength	ISO 37-1994	25.9 MPa (3760 psi)
Elongation at Break	ISO 37-1994	780%
Tension Set	ISO 2285 - 1981	7%
Tear Strength	ISO 34 - 1994	50 N/mm (300 lbf/in)
Resilience	BS.903: Part A8	80%
Specific Gravity (±0.05)		0.99
Service Temperature Range		-40° C to + 70° C / (-40° F to + 158° F)