



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.

The resilient rubber for tough applications

Linard® 60 rubber is a silica-reinforced natural rubber product uniquely designed to provide high resilience with good cut, tear and abrasion resistance. The development of Linard® 60 rubber specifically set out to produce a rubber that retains the natural strength and nerve of latex, together with the toughness needed for handling coarse materials.

The unique combination of high resilience, resistance to deformation and wear makes Linard® 60 rubber the perfect solution for many hard to solve problems.

These characteristics also combine to give Linard® 60 rubber exceptional anti-stick and anti-build up properties.

Design Features

- Excellent anti-sticking and anti-build up properties
- Unsurpassed flexibility for a hard rubber compound
- Excellent resistance to cutting by sharp-edged products
- Good wet abrasion resistance

Applications

- Hose linings
- Screen panels
- Skirting rubber
- Abrasive environments where sticking and/or build up are major issues

Size/Availability

- Standard Sheet size: 9.25m x 1.23m nominal (approx. 30ft x 4ft)
- Standard thickness range: 3.0mm to 30.0mm (approx. 1/8" to 1 3/16")

Typical Physical Properties

PROPERTY	TEST STANDARD	LINARD® 60
Polymer Type		Natural Rubber
Hardness (IRHD)	ISO 48 - 2010	60
Modulus @ 500% (MPa)	ISO 37 – 2011	9.5
Tensile Strength (MPa)	ISO 37 – 2011	27 (3916 psi)
Elongation at Break (%)	ISO 37 – 2011	690%
Tear Strength (N/mm)	ASTM D624-00 - 2012	103 (588 lbf/in)
Specific Gravity	ISO 2781 - 2008	1.10
Resilience (%)	BS 903. Part A8 1990	70%
Operating Temperatures (continuous use)		-40°C to +75°C/ -40°F to +167°F