



Bonding Systems and Installation

Please consult your local Weir Minerals representative for advice on the most suitable bonding method.

Storage

The shelf life of the Linacure® 60 compound is dependant upon the temperature at which the compound is stored.

6 months at or below 40°C / 104°F.

Do not store under direct heat or sunlight.

Wear resistant, uncured rubber for tough slurry applications

Linacure® 60 rubber is a silica-reinforced natural rubber uniquely designed to provide high resilience with good cut, tear and abrasion resistance. The development of Linacure® 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.

Linacure® 60 rubber provides the performance benefits of Linard® 60 rubber in applications where hot bonding is the preferred method of installation. Linacure® 60 provides excellent abrasion resistance in course slurry applications. It's inherent flexibility creates a rubber that has good anti-sticking and anti-build up properties making it an ideal solution for many hard to solve problems.

Design Features

- Excellent anti-sticking and anti-build up properties
- Excellent resistance to cutting by sharp-edged products
- Good wet abrasion resistance

Applications

- Hose linings
- Pipe lining
- Abrasive environments where sticking and/or build up are major issues

Size/Availability

Standard sheet dimensions will vary within each Weir global region. Not available in some global locations. Please contact your local Weir Minerals office to confirm.

- Standard thickness range: 3.0mm to 12.0mm (approx. 1/8" to 1/2")

Typical Physical Properties

PROPERTY	TEST STANDARD	LINACURE® 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	23 (3335 psi)
Elongation at Break (%)	ISO 37 - 2011	680%
Tear Strength (N/mm)	ASTM D624-00 - 2012	103 (587 lbf/in)
Specific Gravity	ISO 2781 - 2008	1.1
Resilience (%)	BS 903. Part A8 1990	70%
Operating Temperatures (continuous use)		-40°C to +75°C / -40°F to +167°F