



TUNPAK®

PACKERS FOR TUNNEL RINGS

Tunpak® recycled polyethylene sheet is an extremely suitable material for use as a packer between tunnel segment rings, and has been used for this purpose on many major projects throughout the world. The Tunpak® recycled polyethylene sheet is processed into packers by Tunnelling Accessories Ltd at their factory in St Leonards on Sea, UK.

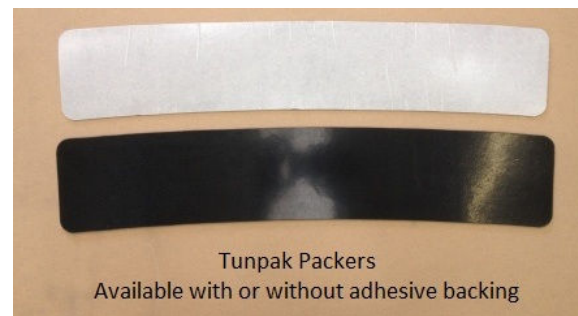
And is available in the following standard thickness: 2mm, 3mm, 6mm, 9mm & 12mm

Other thicknesses could be available depending on quantity required

Tunpak®

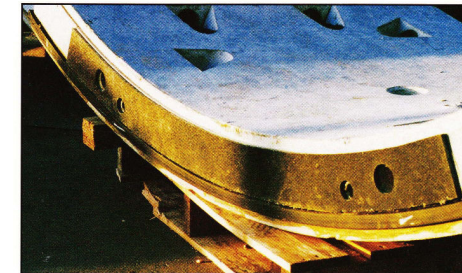
Material has the following qualities:

- Durable**
- Non toxic** – chemically inert
- Acid and chemical resistant** – will resist most chemicals found
- Minimal compression under load** – with 100% material thickness recovery on removal of load
- Rot proof** – non bio degradable and approved for use in potable water environments



Unique to Tunnelling Accessories Tunpak® has been used on numerous Major projects including.

Lee Tunnel Project	2011-2012
Legacy way project, Australia	2011-2012
Panama metro, South America	2011-2012
Madrid Metro	2000-2009
Barcelona Metro	2003-2010
Bologna Metro, Italy	2003-2004
Tunjuelo Canoas, Columbia	2010-2011
Thames Water Mains, London	1990-1995



Tunnelling Accessories Ltd

Sidney Little Road
Churchfields Industrial Estate
St Leonards on sea
East Sussex TN38 9PU

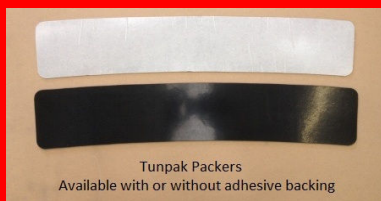
Phone: 01424 854112
Fax: 01424 854231

Performance

TUNNEL RINGS

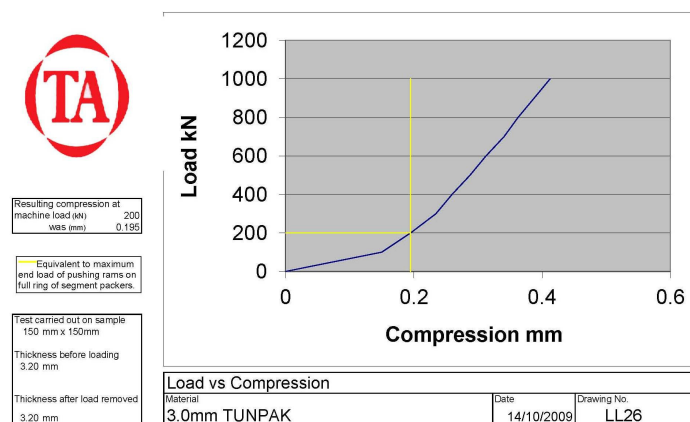
The compressive qualities of Tunpak® make it the ideal medium for relieving the stresses between concrete tunnel linings and therefore preventing cracking and spalling. Tunnelling accessories can design and manufacture packing's to suit any tunnel lining in a variety of thicknesses

Tunpak® is non Biodegradable making it the ideal product where design life is an issue and is approved for use in potable water environments



Tunpak®

Tunnelling Accessories



Technical Data

Density	:	945 kg/m ³
Tensile Strength (Mpa)	:	9.5 N/mm ²
Elongation at break	:	180% minimum
Flexural yield strength (Mpa)	:	9.3 N/mm ²
Flexural Modulus (Mpa)	:	410 N/mm ²
Unnotched charpy impact strength:	:	No break
Thermal conductivity	:	0.361 W/m.k
Linear thermal expansion	:	0.25mm/m/°C
Surface spread of flame:	:	Class 3



Product/Service Information

The T A Group are also agents for overseas companies supplying specialised equipment and materials. Other products available include joint packers, secondary seals, entry/exit seal and interjack seals for pipe jacking projects and Bullflex a versatile shutting system for TBM and shaft sinking projects, made of toughened geotextile.

Check out our website @

www.Tagroupuk.com

*Accessories To the
Tunnelling Industry*