

FRAS Hybrid Roller

Belt friendly, underground roller

NEPEAN® Conveyors have significant experience in designing underground conveying solutions that are safe, reliable and enable maximum productivity levels.

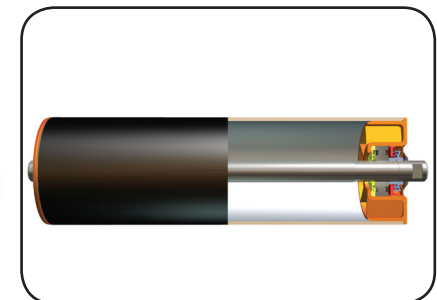
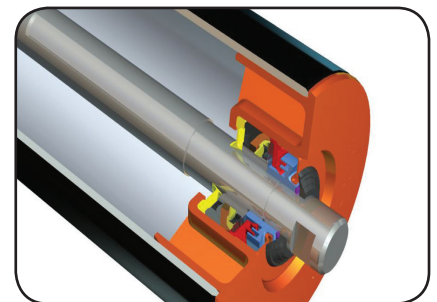
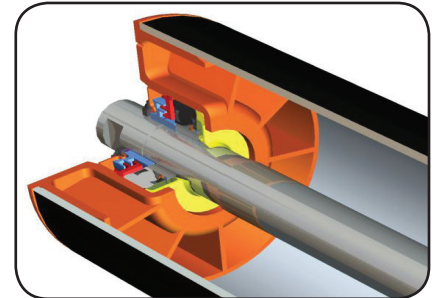
NEPEAN Conveyors specialise in products for the future of underground coal mining. Our FRAS Hybrid Composite Roller combines all the benefits of a steel roller with all the advantages of a belt friendly nylon bearing housing. FRAS hybrid rollers are fire resistant and anti static (FRAS), using high strength long fibre nylon housings to provide a robust, safe and belt friendly product.

For use in underground coal mining and confined applications the NEPEAN Conveyor FRAS Hybrid Roller delivers:

- ♦ Belt friendly idler operation for life
- ♦ Corrosion resistant design
- ♦ Simple refurbishment process
- ♦ FRAS certified

BENEFITS:

- ♦ Ideal for safe underground operation
- ♦ Belt friendly housing, free of sharp edges
- ♦ NEPEAN multi-labyrinth seals prevent contaminants from entering the bearing cavity
- ♦ Refurbishable design means rollers can be recycled, lowering cost per ton
- ♦ FRAS certified

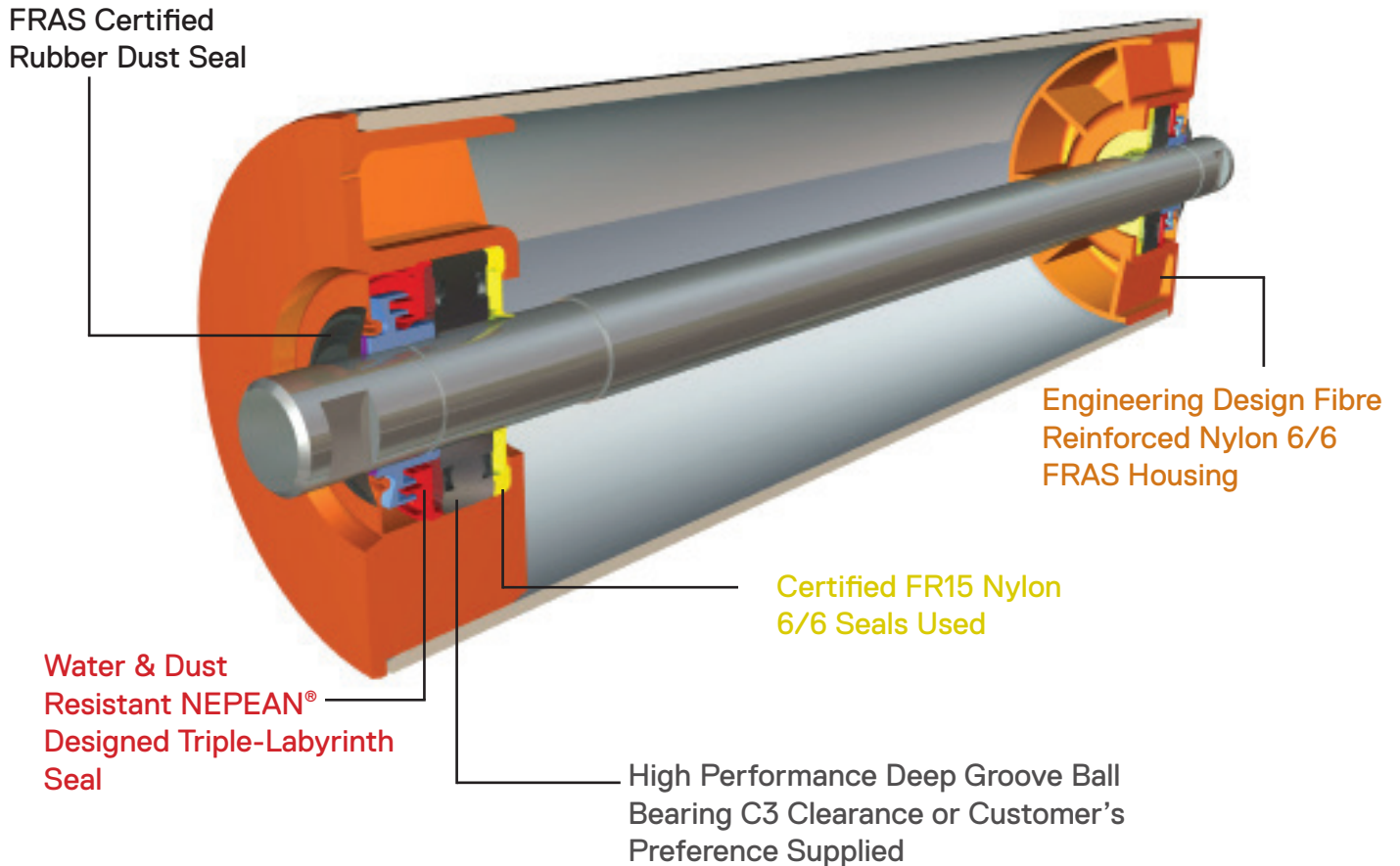


“The confines of underground mining mean that equipment must become safe and reliable”

SPECIFICATIONS

	Description
Housing	Injection moulded fibre reinforced nylon 6/6 FRAS certified
Shell	AS1163 C250-350 grade to customer's specification
Seal Options	NEPEAN designed triple-labyrinth seal from fire retardant FR15 nylon
Bearing Type	SKF, NSK or customer specified choice

“In bulk material handling, safety and efficiency are always key concerns, minimising hazards and maximising productivity matter most.”



PROBLEM

Traditional rollers use steel housings potentially resulting in 'pizza cutters'

RESULT

Pizza cutter effect causes belt damage.

NEPEAN SOLUTION

FRAS long fibre bearing housing, no sharp edges, no belt damage.

For more information:

1800 NEPEAN | www.nepeanconveyors.com

NEPEAN® CONVEYORS ARE AUSTRALIA'S MARKET LEADER

NEPEAN Conveyors operate the most advanced, high tech idler production facility in Australia. We offer complete conveyor system solutions and support services to the mining and resource industries.

NEPEAN Conveyors, internally developed, industry-leading software and extensive manufacturing capabilities have allowed us to provide an extensive portfolio of products and services to independently deliver unique, high quality results. NEPEAN Conveyors offer a one stop conveyor solution.

WITH MORE LOCATIONS, WE'RE NEVER FAR AWAY

We design and manufacture in multiple locations around Australia. We are strategically located close to major mining areas so we can service our coal, iron ore, hard rock and port customers.