

# HYBRID STEEL

## TECHNICAL SPECIFICATION



**PROK's Hybrid Steel offers a belt friendly alternative to traditional steel rollers and is designed to perform under high loads and in unfavorable conditions.**

The roller is manufactured using advanced thermoset non-metallic bearing housings, enclosed and protected by our multi labyrinth premium seal.

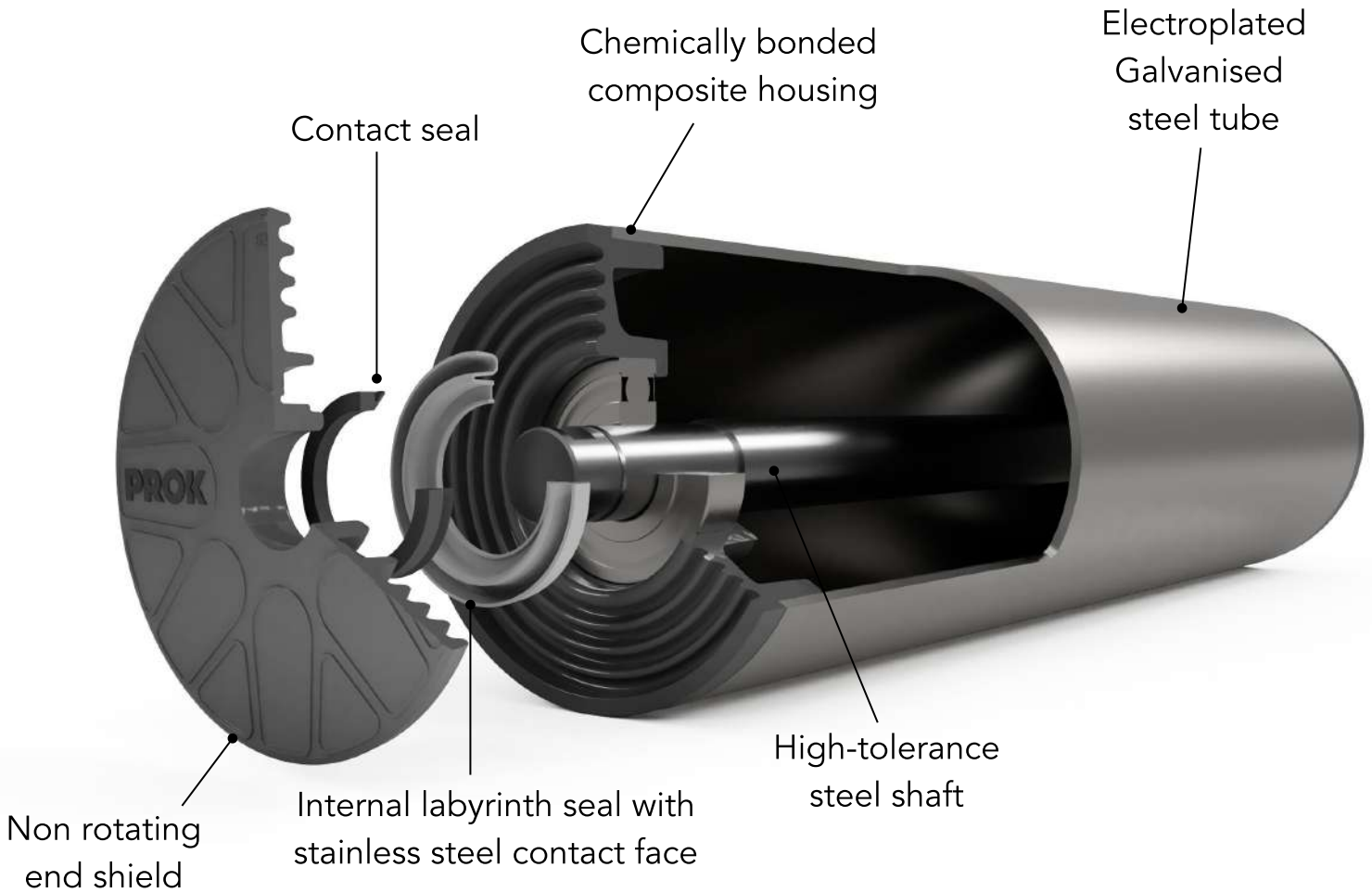
PROK's innovative automated manufacturing process has resulted in a steel roller engineered for reliability, optimum performance and complete traceability.

Advanced manufacturing processes enables PROK to produce these high-performance rollers in large volumes and with short lead times.

## FEATURES & BENEFITS

- ▶ HYBRID MATERIAL SELECTION FOR STRENGTH & PERFORMANCE**  
A high strength non-metallic bearing housing chemically bonded to a corrosion resistant steel tube, promoting durability and longevity.
- ▶ INNOVATIVE HOUSING DESIGN FOR RELIABLE PERFORMANCE**  
PROK's Hybrid Steel non-rotating end shield provides protection, incorporated into a three-tiered premium sealing system comprising a multi labyrinth seal, contact seal and sealed bearing.
- ▶ COMPOSITE HOUSING MATERIAL FOR BELT FRIENDLINESS**  
Designed with composite material, the Hybrid Steel is dimensionally stable & performs consistently under elevated temperatures, maintaining bearings for life.

ITEM	DESCRIPTION
Tube Diameters	152 mm to 219 mm
Bearing Sizes	6306 to 6312
Tube Material	Electroplated Galvanised Steel
Seal Performance Testing	DIN 22112
Shaft Sizes	30mm - 62mm



## CONTACT



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