

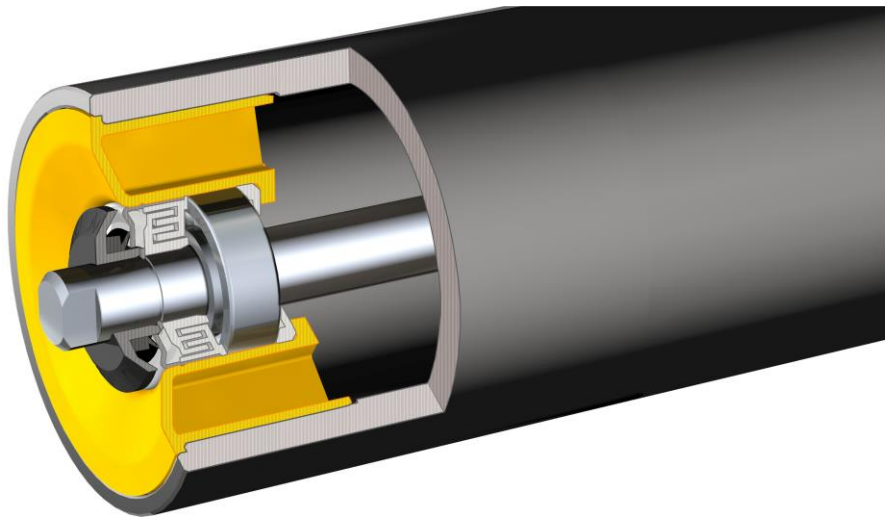
WHYTE

Public Relations

Media Release – Duromer – January 2015

(Attn media including mining and energy (especially coal mining and coal-based industries), oil and gas, materials handling and manufacturing, food, beverage and primary product processing, process engineering and infrastructure, maritime (confined spaces) and safety. High-res pictures are available from whyte@bigpond.com, 61-2-9439 9329)

Duromer's FRAS-approved tough lightweight materials handling solutions excel in underground coal and confined applications



Conveyor rollers are a prime application of Duromer FRAS-approved products

A range of tough lightweight FRAS-approved materials and engineered solutions for underground and confined spaces applications is being produced by Australian thermoplastic polymer specialist Duromer Products.

The corrosion and chemical-resistant nylon-based products – including two material grades approved to MDG 3608 relating to non-metallic materials for use in underground coal mining – are suitable for materials handling components including conveyor rollers, roller components and conveyor accessories.

Available either as off-the-shelf product or custom-engineered solutions to individual needs, the material is also suitable for a wide range of materials handling and process engineering components including pulleys, brackets, diverse rollers, elevator buckets and pull switch accessories such as “Pigs Tails”.

“In prime applications such as coal, these FRAS-approved and MDG 3608 compliant materials have significant advantages in addition to high performance and durability in aggressive environments. These include weight savings, cost savings and flexibility in manufacture,” said Duromer Applications Engineer Mr Aldo Mostacci.

“As a replacement for metal, their FRAS rating and resistance to chemicals and corrosion make them suitable for use across a range of confined spaces applications and a broad range of industries. Applications include situations where designers are contending with aggressive environments, including primary and food product processing, minerals processing, ports and maritime materials handling, infrastructure and energy projects, oil and gas installations and water and waste water plants.”



Duromer FRAS-approved materials replace metals in surface and sub-surface applications, including underground conveyor rollers, left

An Australian-owned and operated business, Duromer offers extensive technical assistance and local industry experience to customers. The company’s resources include mechanical and polymer engineering expertise, as well as chemists and service personnel with many years experience in polymer moulding.

Offering assistance with Finite Element Analysis (FEA) and Mould Flow Analysis, the company can support the entire manufacturing process from design to part manufacture.

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