

Pexgol Pipe Material for Mineral Processing – Temperatures up to 230 F

By: Aviv Scheinman – Pex-Industrial

Bio:

Biomaterial Engineer, with a background in the Telecommunications, Energy, Mining, and mineral processing industries.

Was the Business Development Director for Golan Plastic, Developing the Industrial Market for Pexgol Pipes in Africa and the Asia Pacific.

Since 2017 working out of Edmonton focusing on the development of the US and Canada industrial Applications such as Mining and Processing of Potash, Iron, Nickel, Copper, and Gold.

Abstract:

Pexgol Pipes, developed in 1985 is the industrial grade of the PE-Xa pipe material developed in the 1960s - now used for domestic hot water systems.

Developed specifically for the Potash processing industry to increase reliability and reduce costs related to alloy piping, commonly used in this industry.

Since the original purpose, Pexgol is being used successfully in mining operations, due to its increased wear resistance, and in processing facilities due to its excellent resistance to corrosion and its ability to operate, continuously, at temperatures reaching 230f.

While a late arriver to the US and Canada, successful installation have already taken place at Potash and Soda Ash facilities.

The paper will present past case studies and 3rd party testing of the material; demonstrating a clear improvement in pipe system reliability and safety.