



Installation of Pexgol pipes for a compress air system.

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**Rav-Gon Printing House**  
Israel | 2020  
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**Working Conditions:**

Pressure: 132 PSI

**Pexgol Pipes:**

Pexgol 16 mm, 20 mm, 63 mm, class 24

**Application:**

Compress Air System

**Length:**

550 m

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**The Challenge**

Rav Gon, a large scale printing house in Israel, had a compressed air system that needed to be rebuilt, due to air pressure losses along pipe-lines. In addition, the old compressed air metal pipe system required frequent and costly maintenance.

**Pexgol Solution**

Pexgol pipes maintain constant air pressure in the system and save substantial amounts in reduced maintenance costs. Additionally, thanks to the airtight seal of Pexgol systems preventing air loss, air compressor units can be efficient over long periods at low pressure.



## Installation of Pexgol pipes for a compress air system.

### Advantages

- **High resistance to wear:**  
Pexgol is the preferred solution for abrasive materials transportation. Typically resists three times more than HDPE and twice more than steel.
- **Excellent chemical and corrosion resistance:**  
Pexgol pipes can resist a wide range of chemical agents, slurries, toxic and radioactive materials.
- **High temperature resistance:**  
Working temperatures can range from -50°C/-58°F up to 110°C/230°F.
- **Superb internal and external corrosion resistance:**  
Our pipes are proven to withstand decades of exposure to corrosive environments, with nonstop performance in some of the world's harshest environments.
- **Long pipe sections:**  
Pexgol pipes can be supplied in long coil lengths, reducing number of joints, installation time and risks.
- **Creep and impact resistance:**  
Crosslinked Pexgol pipes can withstand high amounts of axial and radial stresses and are highly resistant to impact, fracture and fatigue. Furthermore, Pexgol pipes are completely resistant to cracks even when dragged over sharp rocky terrain and coagulated salt crystals.

