

# MINE DEWATERING

X-linked Piping Solutions





## WHAT IS PEXGOL

The unique Pexgol piping is produced from a special plastic resin which is irreversibly cross-links between adjacent polymer chains. The result is a thermo-plastic material with a fortified 3D molecular structure that assures its very high dimensional stability even at extreme temperatures.

## UNIQUE ADVANTAGES AND BENEFITS:

- No Supports or Wall Protection
- No Long Term Elongation
- Crack and Scratch Resistant
- Easy Installation
- Longer Installation Depth
- No Ballooning Near The Pump
- No Twisting Problems
- Retrieval With Water Inside
- No Kinking Problems
- Working Temperature -50c/-58f to 110c/130f
- Excellent Abrasion Resistance
- Resistance to Slow Crack Growth
- Immune to Rapid Crack Propagation at -50c/-58f
- No Change Of Properties Over Time

## LONG TERM DURABILITY

Flexible Pexgol rising main pipes, in diameters of 32-315 mm, have been installed in more than 250 boreholes worldwide.

Developed and first put to use as rising main pipes in boreholes more than 30 years ago.

Designed and manufactured for a minimum lifetime of 50 years.



Resistance to impact by falling rocks

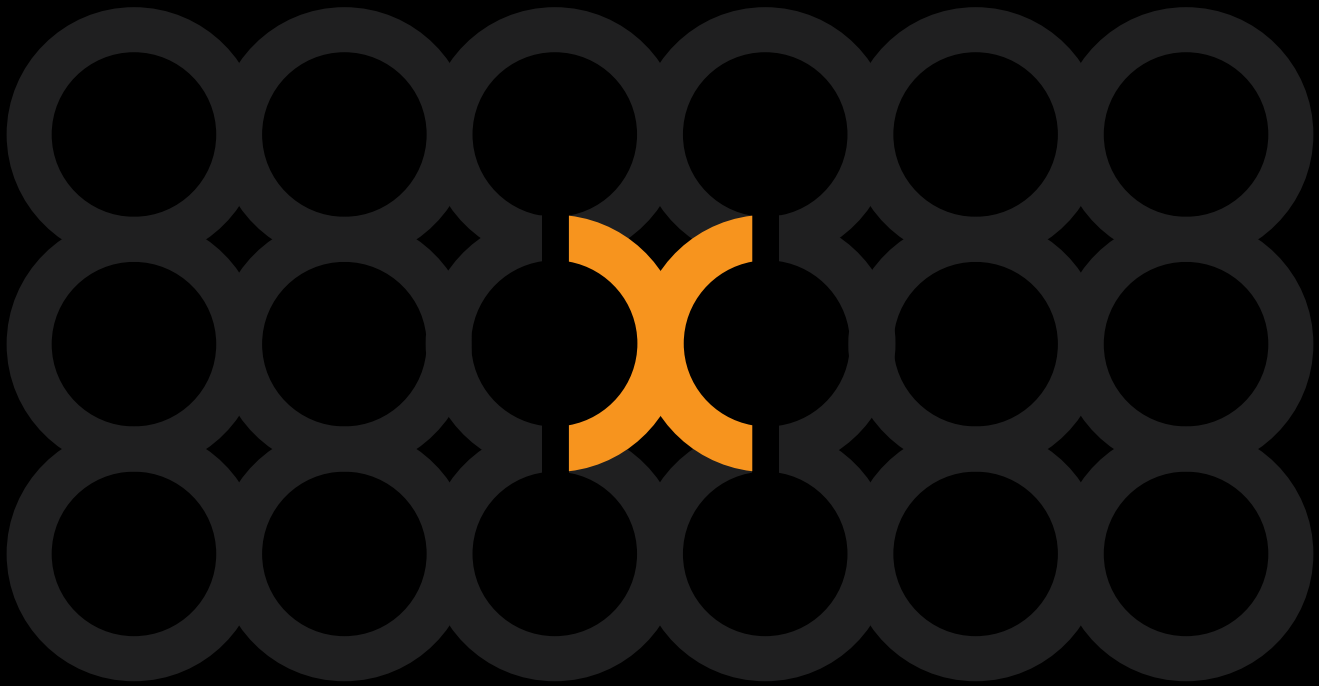




## PIPE OPTIONS

OD [mm/NPS]	ID [mm/Inch]	Operating pressure bar/psi@20c/70f	Pipe Weight Kg/m ; lb./ft.	Max Load Kg/lb. @ 20c/70f	Max Section Lengths (m/ft.)
90/3"	65.4/2.58"	24/329	2.97 ; 2	1290/2838	1000/3000
110/4"	79.8/3.15"	24/329	4.45 ; 3	1920/4224	1000/3000
125/4"	90.8/3.58"	24/329	5.73 ; 3.85	2500/5500	800/2400
140/6"	101.6/4"	24/329	7.21 ; 4.85	3110/6842	600/1800
160/6"	116.2/4.58"	24/329	9.4 ; 6.3	4070/8954	600/1800
180/6"	130.8/5.15"	24/329	11.88 ; 7.98	5140/11308	500/1500
200/8"	145.2/5.72"	24/329	14.65 ; 9.84	6350/13970	385/1155
225/8"	163.4/6.44"	24/329	18.6 ; 12.5	8040/17688	320/960
250/10"	181.6/7.15"	24/329	23 ; 15.45	9920/21824	210/630
280/10"	203.4/8.01"	24/329	29 ; 19.48	12440/27368	185/555





### About Pexgol™

**Pexgol™, A division of Golan Plastic Products,** is the only worldwide manufacturer that specializes in large diameter, cross-linked polyethylene pipe systems, providing them to industrial and mining sectors throughout the world.

### Pexgol material results

**Pexgol material results** in a chemically unbreakable cross-connection between these polyethylene chains.

**The result** of this chemical reaction is the creation of a material which has extremely high structural integrity, combined with resistance to a wide variety of corrosives and weather conditions.



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