

AgruFlex™ Tunnel Liner

VLDPE

Whether used in blast and bored or conventional tunnel constructions, AgruFlex™ Tunnel Liner protects concrete tunnel structures against the infiltration of water, aggressive soils and root penetration.

A very low density polyethylene (VLDPE), AgruFlex™ Tunnel Liner combines flexibility with tensile properties, chemical resistance and long-term performance. Due to its superior water resistance, AgruFlex™ reduces the maintenance work needed to repair water spots, dripstones from lime diffusion and external concrete corrosion.

Because VLDPE contains no volatile plasticizers, the AgruFlex™ keeps its mechanical properties – ensuring tight construction for the life of the tunnel. AgruFlex™ is easy to install with good weldability. It emits zero toxic fumes in case of fire. AgruFlex™ combines a black base layer with a bright signal layer and can be used with Geotextile, HDPE or LLDPE liners for cut and cover tunnel constructions.

Benefits of AgruFlex™ Tunnel Liner

- Only virgin raw materials used for production
- High flexibility, easy to install
- Long service life
- No toxic fumes in case of fire
- VLDPE keeps its mechanical properties

