POLYETHYLENE GEOMEMBRANE

AREA OF USE

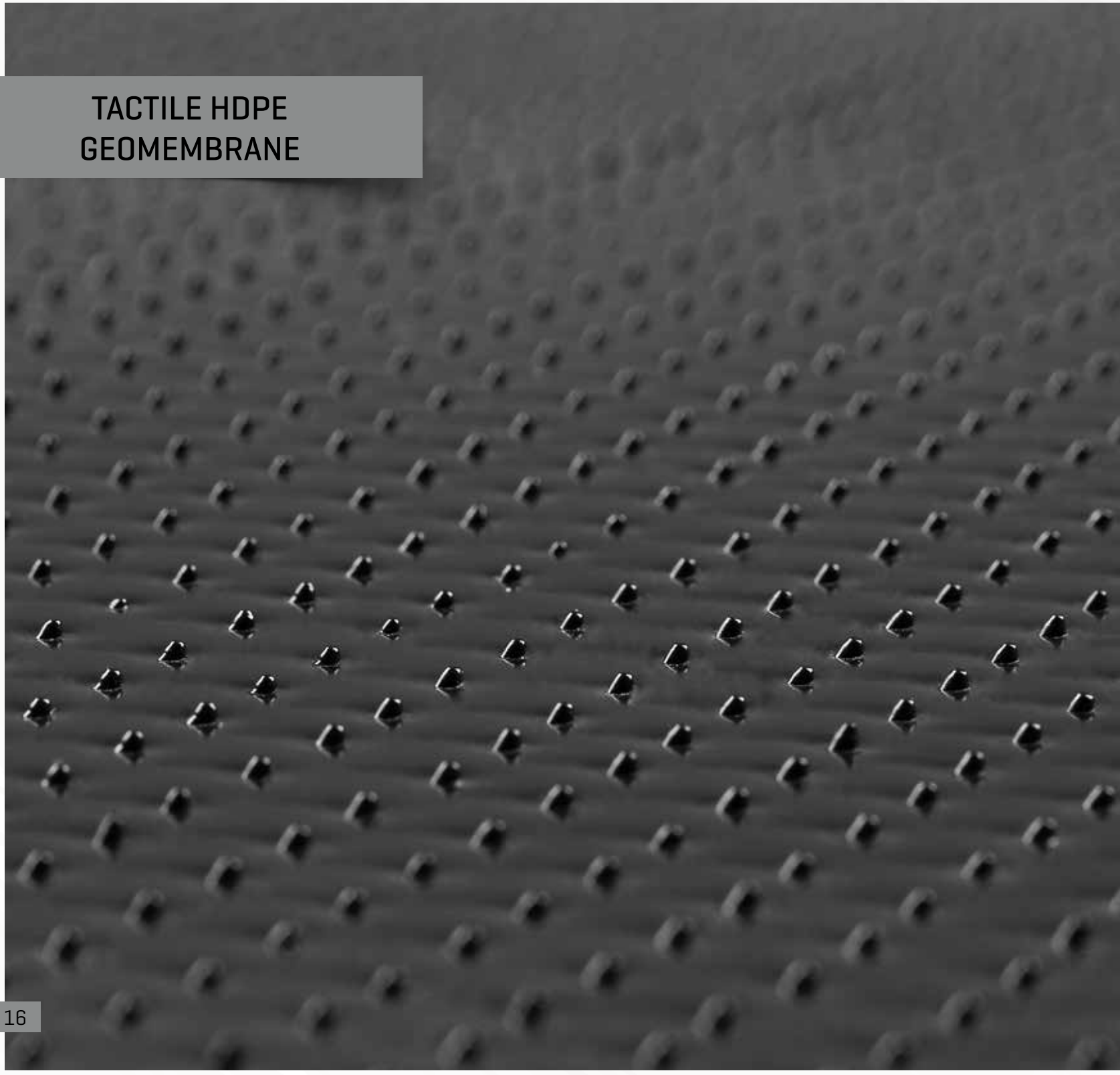
- Irrigation Channels and Water Delivery Channels
- Drainage Basins
- Solid, medical and hazardous waste landfill areas
- Ponds, Pools
- Mine Sites
- Oil fields, Tanks
- Building foundations
- Dams

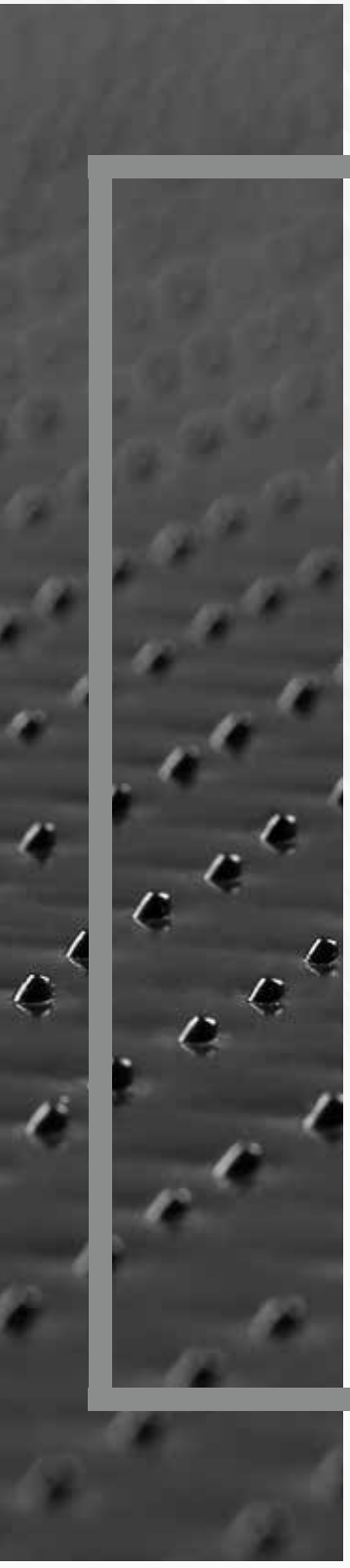
PLAIN HDPE GEOMEMBRANE

High Waterproofing Performance in Mega Storage Areas

High density polyethylene geomembrane is named as HDPE, and low density polyethylene geomembrane is named as LLDPE-VLDPE according to their area of use. This type of polyethylene geomembrane, produced by using high density polyethylene material, is utilized especially in waste landfill sites in the world as a barrier to prevent gas and liquid leak.

TACTILE HDPE GEOMEMBRANE

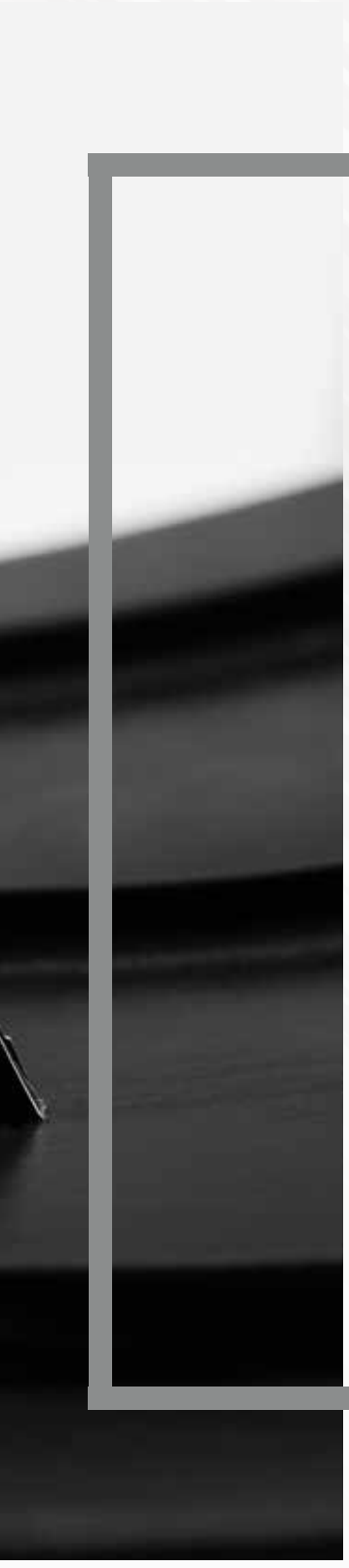




Maximum Waterproofing and Adherence Ability on Slopes

Polyethylene geomembrane, which is produced in various thickness measures according to application requirements of high and medium level sloping lands, might be produced with a tactile surface to align with the sloping land. In order to prevent the shearing of the material placed on the surface in sloping lands, tactile geomembrane is used and adherence and friction coefficient is increased with the height of the tactile and number of tactile per m2. Tactile geomembrane is preferred especially in waste landfills and sanitary landfills.

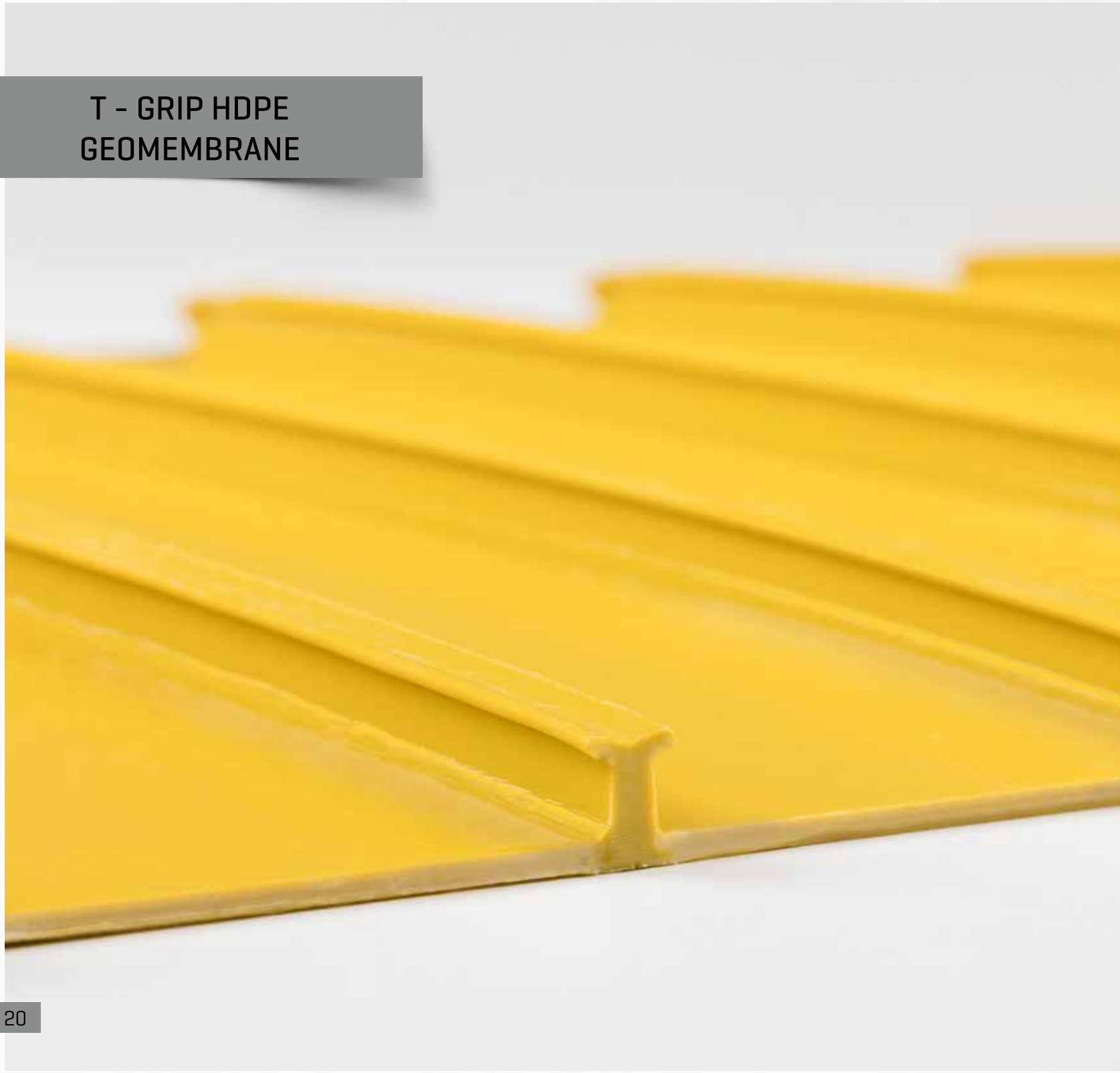
TAPPED HDPE GEOMEMBRANE



Waterproofing in Water Channels

Tapped HDPE – LLDPE GEOMEMBRAN produced water channels have taps stretching through the roller at certain intervals and ensures the adherence of the concrete to the geomembrane. This material produced with special patterns is applied under the protection concrete in water channels. Tapped HDPE – LLDPE GEOMEMBRANE is laid in parallel to the channel bed, protection concrete is poured on geomembrane and taps are adhered to the concrete. It avoids concrete cracking thanks to its special structure.

T - GRIP HDPE GEOMEMBRANE



Waterproofing of Sewage – Waterproofing of Foundation

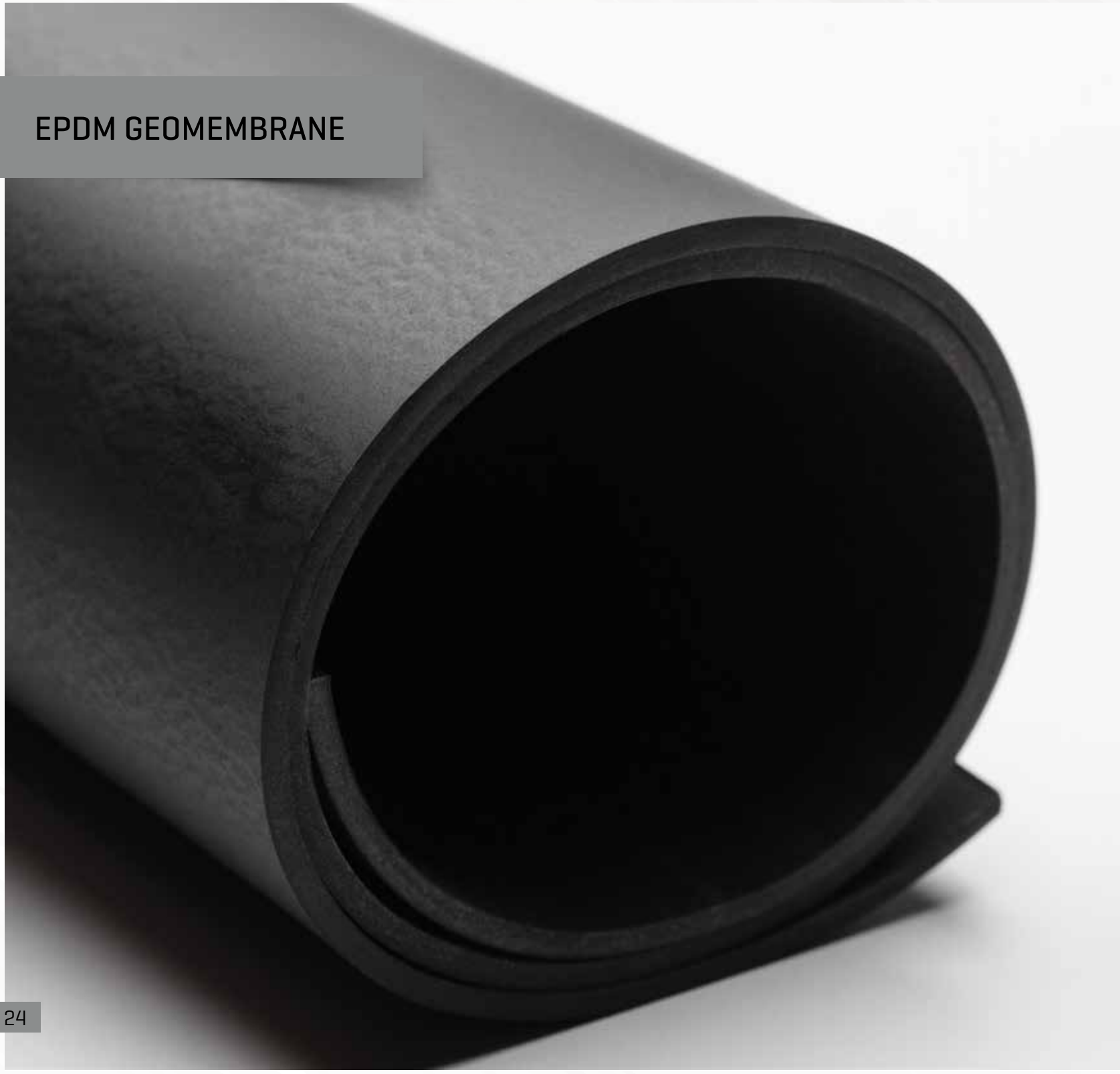
T-Grip HDPE – LLDPE GEOMEMBRANE having taps at certain intervals through the roller is used in sewage collectors, sewage ducts and waterproofing of foundations. This material produced by using special patterns and ensuring the geomembrane to adhere to the concrete is applied under the protection concrete or along with foundation concrete. Tapped geomembrane used in foundation waterproofing takes the shape of the form by adhering itself to the concrete form, and waterproofs in integration with the structure. Its special tap structure avoids cracking of the concrete.

EPDM GEOMEMBRANE

AREA OF USE

- Waterproofing of Roofs and Terraces
- Green Roof Applications
- Upstream Face of Pond Body and Reservoir Area
- Potable Water Reservoir and Treatment Plants
- Waterproofing Structures under High Pressure
- Waterproofing of Decorative or Swimming Pools

EPDM GEOMEMBRANE



High Elasticity Waterproofing

EPDM Geomembrane, manufactured from refined products of ethylene and propylene components, has the specialties of synthetic rubber and is one of the geeosynthetic barrier types. It ensures high elasticity in waterproofing of all structures and can be used without any problem. As it has enhanced expansion ability, it is not deformed through temperature changes. It is used widely in roofs and terraces because of this feature. Once the material is exposed to tractive force and set free, it returns to initial form without elongation deformation. It can easily return to the same form in the structures to which it is applied thanks to this feature.