

ISO  
9001

# T-Rib

HDPE lining sheet

**osman  
plast**

Flat section sheet

T section sheet



Osmanplast **T-Rib** is produced from High Density Poly Ethylene (HDPE) by extrusion method. HDPE is the most widely used geomembrane in the world.

It is an excellent product for large applications that requires:

- 1- UV resistance.
- 2- Sewage water vapour resistance.
- 3- Chemical resistance.



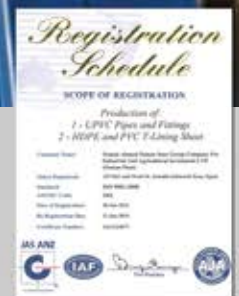
### Basic Properties for T-Rib Sheet

| Test                             | UOM       | Value       | Test method | Remark       |
|----------------------------------|-----------|-------------|-------------|--------------|
| Material                         |           | HDPE        |             |              |
| Melt index (190° C, 5 Kg.wt.)    | g/10 min. | ≤ 0.09      | ASTM D 1238 |              |
| Melt index (190° C, 2.16 Kg.wt.) | g/10 min. | ≤ 1.00      | ASTM D 1238 |              |
| Density                          | g/cc      | ≥ 0.93      | ASTM D 1505 |              |
| Sheet color                      |           | Black       |             |              |
| Carbon Black content             | %         | 2.00- 3.00  | ASTM D 1603 |              |
| Sheet Dimension                  |           |             |             |              |
| Thickness                        | mm        | 2           | ASTM D 4801 | Upon request |
| Width                            | m         | 1.100 m     |             |              |
| Length                           | m         | As required |             |              |



# T-Rib

HDPE Lining Sheet



## Dimensions:

- T-Rib liner is produced in sheets 1.1 meter width and variable length as per client requirements.
- Sheets thicknesses vary from 1.5 – 5 mm.

## Application of Osmanplast T-Rib sheet:

T-Rib is the best choice for protecting exposed surfaces.

## Constructions:

- Alkaline protection to concrete bases from groundwater.
- Waterproofing for tunnels.

## Industrial application:

- Fertilizers storage silos.
- Water treatment and waste disposal facilities.
- Water tanks.

## Chemical waste disposal lines and tunnels system:

- Chemical disposal line system.
- Corrosive fluids lines.
- Acidic waste lines.



**Osmason  
Complex**



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