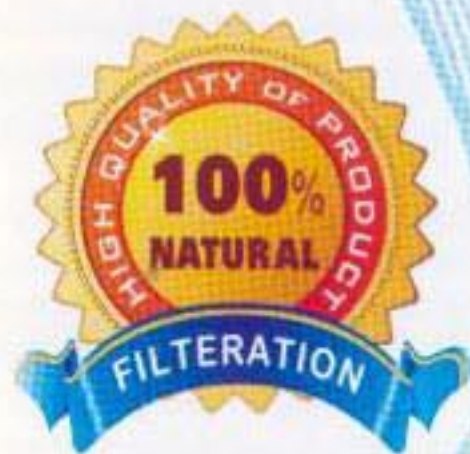


# PURO®

## TERAFIL STAND ALONE WATER FILTER SYSTEM



Technology Approved by  
Govt. of India under  
"JALMANI" Programme

*Purity  
in every Drop...*



PURO® Terafil Disc  
Size dimension :- 100 mm X 50 mm.



PURO® Terafil Disc  
Size dimension :- 220 mm X 50 mm.



### ● Available Size:

With Middle Separator : 13, 18, 21 & 30 Ltrs.  
Without Middle Separator : 11, 15, & 18 Ltrs.

[www.purowaterfilters.com](http://www.purowaterfilters.com)

# PURO<sup>®</sup> TERAFIL WATER FILTER Disc gives you clean and safe drinking water in quality within BIS limit and WHO standard.

## Puro<sup>®</sup> Terafil Water Filter Disc

Puro<sup>®</sup> Terafil Water Filter Disc is a mother earth's green technology device developed by IMMT, Bhubaneswar for filtration and treatment of both raw surface and raw ground water into clean and safe drinking water at minimum cost and expenses in quality within BIS limit and WHO standard. Terafil Disc is of negatively charged ion exchanged and adsorptive by process, mechanism of capillary opening of each pore is in sub-micron size form through many layers and are not inter connected directly which restricts almost all suspended particles and microbes at the top surface of the disc which could not enter even at the second layer of top surface of the disc which ensures the same quality of drinking water during entire operational life of the disc. Terafil disc being developed to target raw water i.e. rich in sediments, suspended particles, turbidity, iron and certain micro organism causing water borne diseases; especially in the areas where water from dug well, ponds, tubewell, borewell, water streams and river is used for drinking purpose.

## Features and benefits of Puro<sup>®</sup> Terafil Water Filter Disc

- Totally green and research based product developed by National Research Institute, India.
- No Chemical such as chlorine is used.
- Technically more advanced, efficient and reliable filtration technology for clean and safe drinking water in quality under BIS limits and WHO standard.
- The Disc is of negatively charged ion exchange and adsorptive by process, mechanism of capillary opening of each pore is in sub micron size form through many layers and are not inter connected directly which restricts almost all suspended particles and microbes at the top surface of the disc which could not enter even at the second layer of top surface of the disc which ensures the same quality of drinking water during entire operational life of the discs.
- Highest rate of filter water achieved at minimal cost compare to other filtration system.
- Lowest cost of filter water-Rs2.00 per 1000 liter of filter water.
- Easy and inexpensive cleaning and maintenance.
- Life of disc is more than 2 to 5 years and the advantages is that it does not affect the quality of filter water during entire operational life of the discs.

## Cleaning and maintenance of Puro<sup>®</sup> Terafil Disc

- Puro<sup>®</sup> Terafill discs requires cleaning once in a week or fortnight depending upon self test of rate of filtration.
- Cleaning by jet water pressure over the disc is recommended for longer life of the discs, although cleaning by soft brush, scrubbing over the disc is also good in absence of water jet.
- Cleaning is easy and inexpensive; proper and regular cleaning of disc assure proper rate of filtration, long life of discs and also helps recharging process of discs.

<b>Application</b>	: Domestic water filter and online terafil water filter system.
<b>Size</b>	: 50cm Height X 100cm Diameter.
<b>Rate of Filtration</b>	: 1-4 LPH on Gravity type Domestic Water Filter.
<b>Life of Disc</b>	: 2-4 Years (On Gravity Filter)
<b>Life of Plastic Holder</b>	: 5 Years (Made of Top quality virgin Polypropylene)
<b>Filter system includes</b>	: 1-3 Nos. 100mm Puro Terafil Disc and filter body
<b>Container Type</b>	: Top grade Food grade Polypropylene.
<b>Power requirement</b>	: NIL
<b>Capacity available</b>	: With Middle Separator : 13, 18, 21 & 30 Ltrs. Without Middle Separator : 11, 15, & 18 Ltrs.
<b>Rate of Filtration</b>	: 1-4 LPH (Depending on Disc choosen)
<b>Size of Disc</b>	: 100mm to 220mm diameter with 50mm thickness fitted in suited holder.
<b>Tank Size</b>	: 10 to 30 liter of water storage
<b>Life Span of Disc</b>	: 3 -5 years depnding on usage.
<b>Working Range</b>	: Turbidity - upto 500 NTU Iron - upto 15 ppm Microorganism removal - 96-100%

## Quality of Treated / Filtered water through Puro<sup>®</sup> Terafil Water Filter Disc.

<b>Turbidity</b>	: Within BIS limit and WHO standard.
<b>Micro Organism</b>	: Within BIS limit and WHO standard.
<b>Disolved Solid</b>	: Within BIS limit and WHO standard.
<b>F</b>	: Within BIS limit and WHO standard.
<b>Increase in pH</b>	: By 1.0 %
<b>Iron</b>	: Within BIS limit and WHO standard.
<b>Ca</b>	: Within BIS limit and WHO standard.
<b>Cl</b>	: Within BIS limit and WHO standard.
<b>Total Hardness</b>	: Within BIS limit and WHO standard.
<b>Clour and odour</b>	: Removed as per WHO Standard.

**Manufactured under license from :**  
**Institute of Minerals & Materials Technology**  
(Council of Scientific & Industrial Research)  
(Govt. of India)  
Bhubaneswar - 751013, Orissa

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