



## Design

The base of the Plant Nappy is made up of a non-permeable base fabric laminated to an oil soak felt and a top robust permeable mesh fabric which allows rapid adsorption of contaminants.

The side wall is made up of the same top robust permeable mesh fabric with a self standing and form recovery structure built within a different felt type with specific properties which allow free passage of water but still retains any contaminant residue.

The design is such that any drips of oil or fuel are caught in the base structure, in the event of rainfall or water from any other source, the water is allowed to escape through the sidewall whilst being filtered of contaminants down to as little as 3.4ppm as it leaves.

## Specification

### Top cover

- Pvc coated polyester mesh
- Abrasion resistant
- Oil and chemical resistant
- UV resistant
- Fire retardant
- High tensile strength
- Temperature resistance, -20°C to 107°C
- Melt point 157°C

### Side wall

- Reticulated foam
- UV resistant
- Fire retardant

### Fill material

- Polypropylene fibre and polyester yarn
- High ratio of oil to fabric weight adsorption
- Non toxic and non hazardous
- UV resistant
- Melt point 135°C

### Base material

- Pvc coated polyester fabric
- Fire retardant
- Abrasion resistant
- UV resistant
- High tensile strength and puncture resistant
- Temperature resistance, -15°C to 107°C
- Melt point 157°C

