

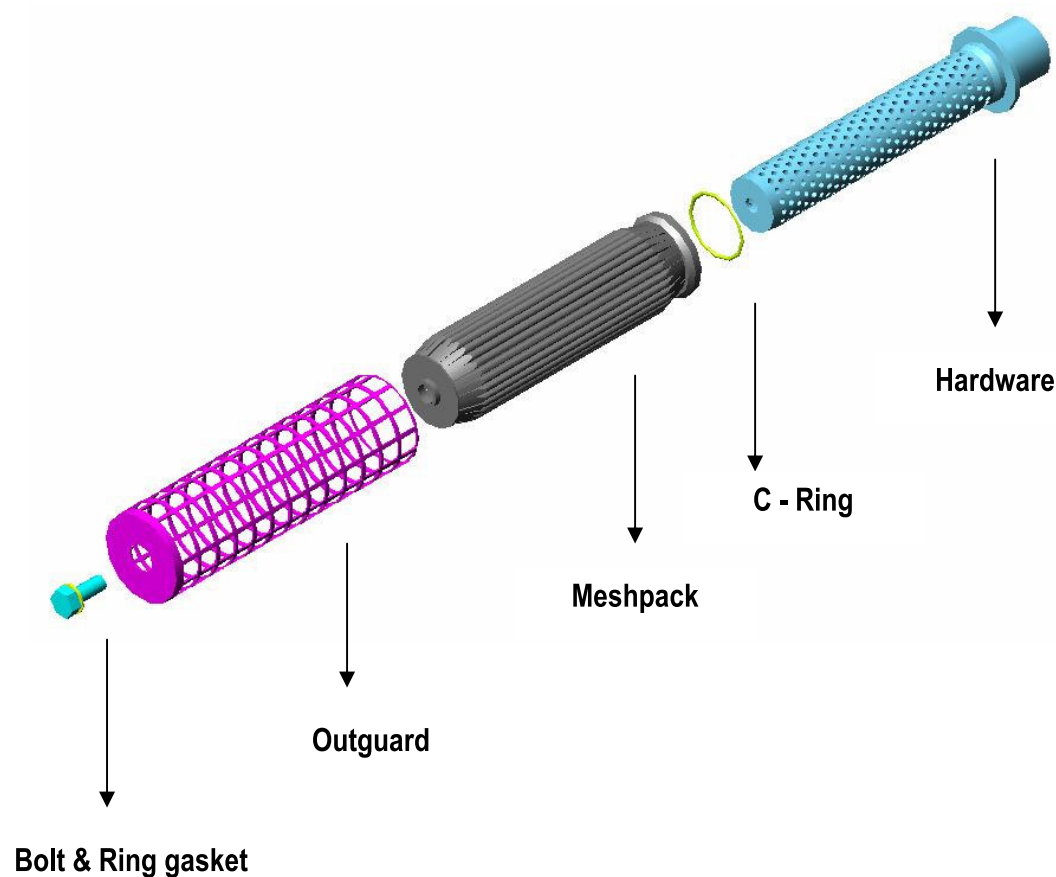
REMOVABLE MESH PACK[®]

1. DESCRIPTION

The Removable Mesh Pack[®] is a patented for filter candle that can be dismantled.

It is made of:

- **HARDWARE** = inside core to support the high pressure
- **MESH PACK** = filtering part of the element with pleated filter media + support layers
- **OUTGUARD** = protective outer guard to prevent the candle from mechanical damages, and to be used for backflush cleaning.
- **C-RING gasket**: this insures the sealing (down to 5 µm) between the Hardware and the Mesh Pack.



2. ADVANTAGES

- **Economic**

The main advantage of the Removable Mesh Pack[®] design is that when a candle has to be replaced by a new one, only the Mesh Pack will have to be replaced. This will provide an economy of 25 to 60 % of the initial cost, so that after the first replacement only, the little difference of price with a classic all welded design will be recovered. In some cases, cleaning will be avoided and usage of new Mesh Packs always will be preferred.

- **Cleaning**

When cleaning of the candle is made, the Removable Mesh Pack[®] can be dismantled to make a better cleaning of the Mesh Pack by backflushing from inside to outside. Consequently, the efficiency of the cleaning can be improved and the life of the candles can be increased.

- **Convenient**

When different micron ratings are run on the same line, the same Hardwares and Outguards can be used with different Mesh Packs, in function of the productions. Also when tests with other filter media have to be made, it is very economic since only Mesh Packs have to be bought.