

# Nylon 66 sterilizing grade filter cartridge

## EYNN Series

Eternalwater EYNN Series--Filter cartridges are made of natural hydrophilic nylon (Nylon) 66 membrane, which can absorb and remove particles, bacteria and endotoxin smaller than the filtration precision. High porosity and high flow rate are suitable for alkaline liquid filtration.

### Product Features

- Naturally hydrophilic, easy to pre-wet
- Positively charged, removes endotoxin
- Low pressure loss, high flow rate, long life
- 100% integrity tested

### Typical Application

- Sterilization and filtration of large volume parenteral (LVP)
- Sterilization and filtration of small volume parenteral (SVP)
- Sterilization and filtration of antibiotic solutions
- Sterilization of pharmaceutical water and filtration of depyrogenation
- Sterilization and filtration of physiological saline



### Product Specification

|  |  |
|--|--|
| Filter Material                          | Nylon 66 membrane  |
| Center core / Housing / End cap Material | Polypropylene  |
| Cage material                            | Polypropylene  |
| Vent O-ring Material                     | Silicone/ EPDM/ Viton  |
| Filtration area                          | ≥0.6m <sup>2</sup> /10inch   |
| Maximum working temperature              | 80°C   |
| Maximum working pressure difference      | 4.2bar@23°C (forward direction)<br>2.4bar@80°C ((forward direction)  |
| Sterilization                            | 126°C/30min; high pressure steam sterilization; ≥30 times  |
| Endotoxin                                | < 0.25EU/mL  |
| Extractable matter                       | < 30mg/10inch  |
| Biocompatibility                         | All materials comply with biosafety evaluation of plastic USP<88>, ClassVI-70°C level                            |
| Integrity Test Method                    | Bubble point, diffusion flow; for detailed parameters, please consult the sales engineer of Eternalwater Company |

### Ordering Information

#### EYNN 1 2 3 4 5

##### Block 1

| Code | Removal Rating |
|------|----------------|
| 010  | 0.10µm         |
| 020  | 0.20µm         |
| 045  | 0.45µm         |
| 100  | 1.00µm         |
| 500  | 5.00µm         |

##### Block 2

| Code | End Cap Type |
|------|--------------|
| J1   | 222/Fin      |
| J2   | 222/Flat     |
| J3   | 226/Fin      |
| J4   | 226/Flat     |
| J5   | DOE          |

##### Block 3

| Length |
|--------|
| 05inch |
| 10inch |
| 20inch |
| 30inch |
| 40inch |

##### Block 4

| Code | O-ring Seal Material |
|------|----------------------|
| S    | Silicone             |
| E    | EPDM                 |
| V    | Viton                |

##### Block 5

| Code | Cage Material  |
|------|--|
| A    | Polypropylene  |
| B    | PP Cage material + End cap type lined with stainless steel |
| C    | PP Cage material + stainless steel lining                  |