**Introduction**

The hollow fiber spinline is used to produce hollow fiber membranes via a dry-wet immersion precipitation phase separation process. The fibers are spun by co-extruding a polymer solution and an internal coagulant into a water containing coagulation bath.

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**Characteristics**

Dry-wet spinning of hollow fiber membranes has a number of advantages:

- membrane morphology is tailored by an appropriate formulation and spin parameters
- pore structure is formed both from outside and inside
- typical diameters: 200 - 5000 micrometer
- typical production speed: 5 - 50 m/min

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**Applications**

The hollow fibers are applied in:

- waste water treatment and drinking water production
- wine and beer clarification
- gas separation e.g. O$_2$/N$_2$ and biogas upgrading
- (bio)medical e.g. hemodialysis, controlled release