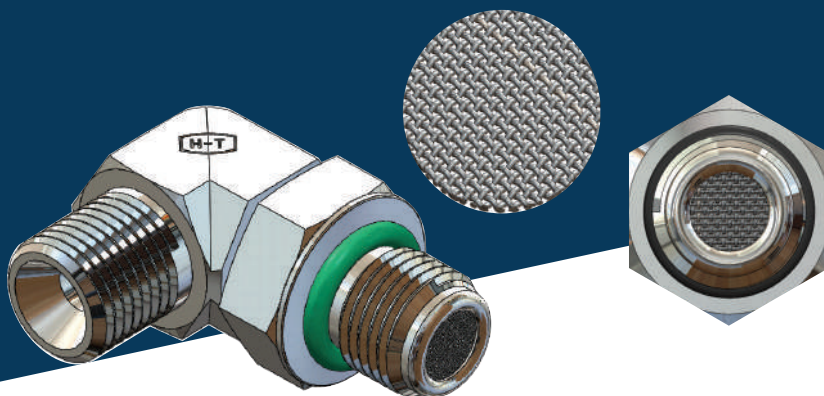


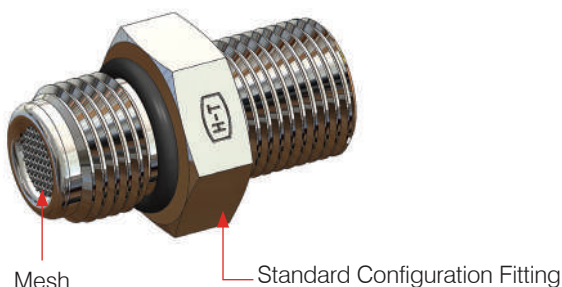
# MESH FITTINGS



## Protecting Critical Components and Application

Hytech has designed a special type of fitting that helps to prevent entry of particles in the system during installation, maintenance, any other failure of the system, and internal erosion of the other components. Process critical components are sensitive to such contaminations and hence need to be protected from such contaminants.

Hytech' Mesh Fittings are safeguarding the end connection by pressure tight seals along with arresting the contaminants to enter system. Based on filter rating these Mesh Fittings can arrest contaminants of size 32 microns to 500 microns. These fittings are typically used in applications below, where they function as connect and protect.



## Applications of Mesh Fittings

- Instrumentation and control
- Hydraulic circuits
- Control Valve, Relief Valve
- Orifice and Flow control equipment
- Contamination sensitive components in test benches

## Construction, Testing and Pressure Ratings

- **Material:** Mesh Fittings are constructed with a Stainless-Steel Mesh and fitting material will be available in Carbon steel, stainless steel, and any special grade material.
- **Type:** Mesh Fittings are available with all standard configuration like- Hytech' DIN/ISO 8434 – Single ferrule fittings, ORFS Fittings, JIC 37° Fittings and so on.
- **Pressure Rating:** Rated Pressure and differential pressure data is available based on the size of the fitting and filter rating, please contact the Hytech team for further information.
- **Mesh Size:** It is a count of number of opening in linear one inch; 100 mesh screen = 100 number of openings in linear one inch.
- **Micron Rating:** It is used to define wire mesh opening size; it is direct indication of what can pass and cannot pass through the Mesh Fitting.

Size	Micron Rating	Size	Micron Rating
35	500	100	149
40	400	120	125
45	354	140	105
50	297	170	88
60	250	200	74
70	210	230	63
80	177	450	32

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