

FAQ

Tailored Air Distribution

Question:

Is fabric ducting fireproof or flame retardant?

Answer:

Most Prihoda fabric ducting materials are flame retardant, but it's important to distinguish between flame retardant and non-combustible materials.

/ Flame retardant properties

Our most commonly used fabrics are certified flame retardant according to international standards. A clear example is the European **standard EN 13501-1**, where high-quality Prihoda fabrics are classified as **B-s1-d0**.

- **B** - very limited contribution to fire. When exposed to flame, the fabric carbonises and crumbles without holding or spreading the flame.
- **s1** - minimal smoke production. This means low or no smoke and no toxic emissions that could intensify a fire.
- **d0** - no flaming droplets. Unlike some plastics, Prihoda fabrics do not melt and drip when burning.

These properties are achieved **without using harmful chemical additives**, and our materials are certified by **OEKO-TEX® Standard 100** as safe for people and the environment.

Most Prihoda systems in public and private buildings around the world are made from **Classic, Premium or Recycled** materials, all certified to EN 13501-1. We also hold equivalent fire safety certifications in various other countries.

/ Non-combustible option (M0)

We also offer a fully **non-combustible fabric duct**, known as **M0** (according to French standards). This material is made from glass fibre and does not burn under any conditions.

Due to its rigid structure and low flexibility, M0 is best suited for specific systems with **stable airflow and no condensation risk**. It is covered by a 2-year warranty, compared to 10–20 years for our standard flexible fabrics. It is also more complex to handle during production and installation.

Key terms:

flame retardant fabric; fire classification EN 13501-1; B-s1-d0 rating; non-combustible ducting; fire safety in ventilation; smoke emission class; no flaming droplets; OEKO-TEX certified materials; HVAC fire protection; glass fibre duct; building fire regulations; safe air distribution; Prihoda ducting materials



to learn more about our material certifications, including fire resistance ratings, visit our [Certificates page](#) or contact us via info@prihoda.com



**Engineered air
distribution**



**Quick and easy
installation**



**Fast
delivery**



**Easy
Maintenance**



**Custom
design**



**Long
Warranty**