

# Application recommendations

## PMA conduits, braids and connectors in building constructions



PMA Connectors of these PMA lines are suitable for applications in building constructions:

- PMAFIX Pro
- PMAFIX IP68
- PMAFIX IP68GT
- PMAFIX IP66
- PMA Divisible System
- PMA Smart Line

### With best fire safety characteristics

- **VAM: PA6** – Heavy-duty version preferably for static applications
  - Complies with highest intern. fire safety regulations regarding smoke and toxicity
  - EN45545-2 HL3
- **POH: Mod. polyolefin** – Medium-duty version for static applications
  - BS 6853 – certified category 1a int./ext.
- **VAML: PA6** - For high fire and passenger safety requirements in interior applications such as passenger areas or public buildings
  - Minimal development of smoke and gases
  - Good impact strength and flexibility
  - EN 45545-2 HL3
- **LLPF: PA6** – Medium-duty version for static applications
  - Good flexibility and pressure resistance
  - Very good fire safety characteristics

### With highest mechanical strength

- **VOH: PA6** – Very heavy-duty version preferably for static applications
  - Excellent pull-out resistance
- **XVCS2H: PA12/Polyolefin** – Heavy-duty version preferably for static applications
  - Multilayer conduit with low friction inner layer for easy cable insertion
  - Excellent mechanical and impact strength even at low temperatures

- PA12 outer layer provides excellent long term UV resistance

### With highest weathering and UV resistance

- **XSOL: PA12/PA6** – Medium-duty version for dynamic and static applications
  - Multilayer conduit with low friction inner layer for easy cable insertion
  - Excellent mechanical strength even at low temperatures
  - In black colour excellent weathering and UV resistance
  - UL Recognized

### Braids: Cable bundling and abrasion protection

- **F.66 / C.66 / L.66: PA6.6**
- **F.PX / L.PX: Polyester** – Braids for bundling and protection of electrical wires
- **G.PX: Polyester** – Open, self rewinding construction for fast installation



Fire Safety Certificates are available for many of these conduits according to NF F 16 101/102, DIN 5510, BS 6853, EN 45545, UL 94, ASTM

Please contact the local PMA specialist or PMA AG, CH-8610 Uster for further application engineering support.

For technical details and specifications please see our technical data sheets on [www.pma.ch](http://www.pma.ch).