

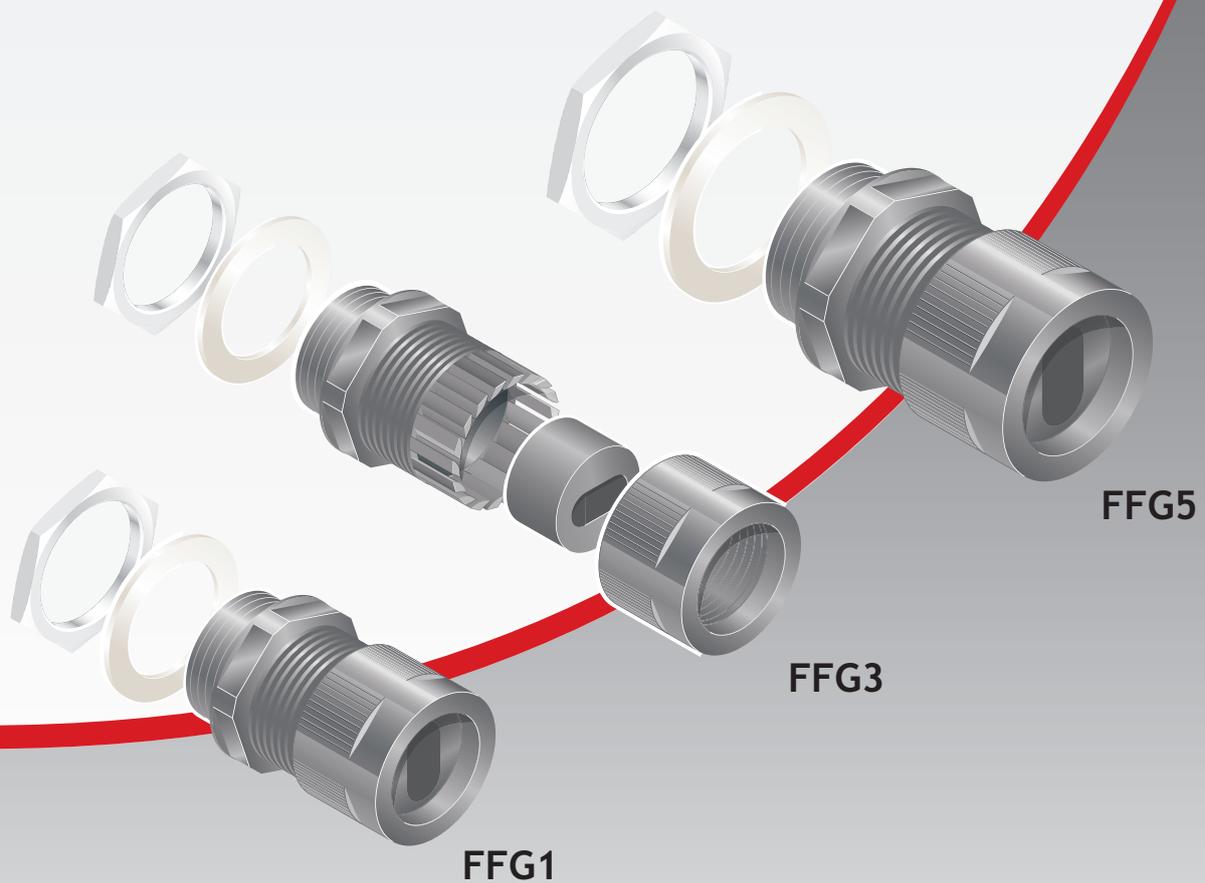
FFG CABLE GLANDS

Cable glands for Heat Trace heating cables

- -60°C to 95°C Temperature range.
- Suitable for use in safe and hazardous areas.
- IP66/67/68/69K rating.
- Low weight with high stiffness and strength.

DESCRIPTION

A range of hazardous area cable glands type FFG1, FFG3 and FFG5, used for the entry of flat profile heating cables into cabinets, boxes, or other enclosures, which provide appropriate explosion protection. Approved entry thread sealing washer and metallic locknut for clearance holes included. Anti-vibration technology prevents seal loosening in operation.



The Heat Tracing Authority™

SPECIFICATION

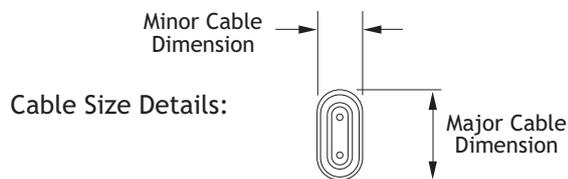
MAXIMUM EXPOSURE TEMPERATURE: 95°C (203°F)

MINIMUM OPERATING TEMPERATURE: -60°C (-76°F)

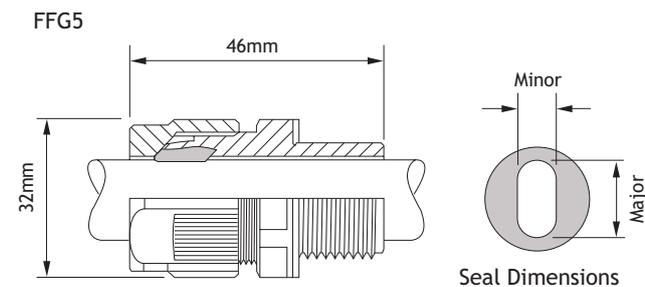
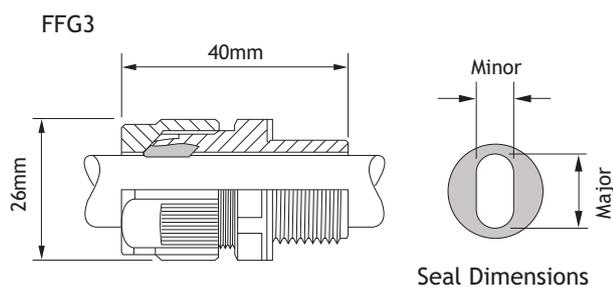
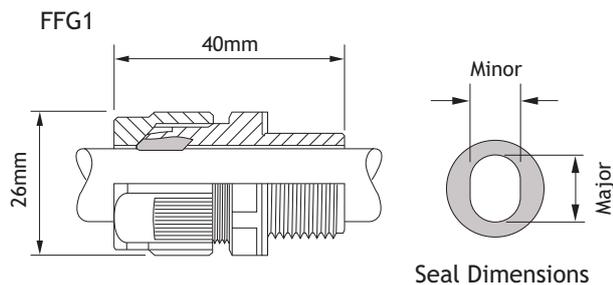
INGRESS PROTECTION: IP66/66/68/69K

SUITABLE CABLE SIZE RANGES PER SEAL:

Gland	Major Cable Dimension	Minor Cable Dimension
FFG1	9.0 to 11.3mm	7.0 to 8.3mm
FFG3	11.0 to 13.5mm	4.0 to 7.0mm
FFG5	12.9 to 15.9mm	5.9 to 7.7mm



GLAND & SEAL DIMENSIONS:



GLAND TO HEAT TRACE CABLE SUITABILITY:

Gland Cable Types

FFG1 AHT, EMTF-CF, MTFJ-CF, MTF-CF, EMTS-CF, PHT-NF & EMTS-CS

FFG3 FSR-CT/CF, FSE-CT/CF, FLVw-CT/CF, FSS-CF FSU-NF, GT & CRH

FFG5 FSEw-CT/CF, FSUw-NF & SM

APPROVAL DETAILS:

ATEX - CML 25ATEX3177X

IECEX - CML 25.0061X

UKEX - CML 25UKEX3178X

ATEX, IECEX & UKEX MARKINGS:

Ⓔ II 2G

Ex eb IIC Gb

IP66/67/68 (30m or 16 hours)

IP69/69K

Ⓔ II 1D

Ex ta IIIC Da

-60°C ≤ Ta ≤ + 95°C

ACCESSORIES:

Heat Trace supply a complete range of accessories including termination/splice kits, end seals, junction boxes and controls. Such items carry separate approvals from the heating cables. Use only approved components, as per system certification.

FURTHER INFORMATION:

Please consult the appropriate termination instructions and the Heat Trace Design, Installation, & Maintenance Manual (HTDIMM 010) for further details.



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