

Product Data Sheet

Astro DS Low Profile Duct Sleeve

Revision 11 - 4th July 2022



Astro DS Low Profile Duct Sleeve

Intumescent Duct Sleeve

- CE Marked.
- Compact Duct Sleeve up to 120 minute rating to EN 1366-3 : 2009.
- Uncapped / Uncapped (Open | Open) fire tested as required for ventilation systems.
- Suitable for use through a wide range of fire rated partition walls.
- Reduced profile - 10-15mm thickness - allows installation at any position in the wall, even tight to the floor slab, without removing the top side.
- Does not need metal sleeving.
- Sleeve can be easily fitted and only requires access from one side.
- Sleeve can be slit to allow retrofitting.
- Astroflame do not use "desk top studies" to approve products, instead we use an extensive range of "Primary test evidence" and formal assessments from approved test bodies.



Product Description

The Astro Low Profile Duct Sleeve are a family of CE Marked fire penetration seals designed to firestop PVC ventilation ducts/pipes when installed through fire rated constructions.

The unique vacuum formed intumescent material design ensures that the expansion direction of the material crushes and seals the ducting in a fire situation without the need for any additional metal sleeving.

The lack of metal sleeving, not only makes installation easy, it also limits the risk of heat transfer through the structure as well as allowing compression to ensure a tight seal against fire and smoke or tight fitting against the ceiling soffit where needed.

The Astro Low Profile Duct Sleeve provide fire resistance ratings for Integrity (E) and Insulation (I) for up to EI120 minutes depending on the construction.

Fire Tested for both internal and external wall constructions. The Fire Sleeves are CE Marked with a European Technical Assessment.

The duct sleeves are available to fit common sizes of rectangular and circular plastic ventilation ducts.

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ETA-20-1337 ETAG 026 - Part 2 ASTRO DS+ LOW PROFILE (LP) DUCT SLEEVE "see ETA-20/1337 for relevant characteristics"

Product Availability

Astro DS Low Profile Duct sleeves are available in the following dimensions (nominal sizes). Packed - Individually.

Product Code	Product Description	Internal Width	Internal Height	Length
AFDS110LP	Astro DS Duct Sleeve Low Profile	110mm	54mm	180mm
AFDS204LP	Astro DS Duct Sleeve Low Profile	204mm	60mm	180mm
AFDS22090LP	Astro DS Duct Sleeve Low Profile	220mm	90mm	180mm
AFDSC100LP	Astro DS Duct Sleeve Low Profile Circular	n/a	103 Diam	180mm
AFDSC125LP	Astro DS Duct Sleeve Low Profile Circular	n/a	127 Diam	280mm
AFDSC150LP	Astro DS Duct Sleeve Low Profile Circular	n/a	155 Diam	280mm

To Order & Specify

Please contact us and quote the following information - Quantity / Product Code / Product Description / Size
 Typical example:- 10 / AFDS110LP / Astro DS Duct Sleeve Low Profile / 110mm x 54mm x 180mm

>> Tel: [01329 844 500](tel:01329844500) or >> Email: sales@astroflame.com

Installation

We have technical representatives who provide assistance in the selection and specification of the products on this site and should be consulted for exact installation and product suitability. Ensure an early engagement with ourselves, designers, main contractor and specialist installers before any installation. Other trades and/or manufacturers may need to be consulted. For in-depth information, specification and technical advice please call our Head Office on tel [01329 844 500](tel:01329844500) or email sales@astroflame.com

Maintenance

All interested parties, designer, specifier, main contractor and specialist installers should provide access to allow the fire stopping seals to be regularly inspected and maintained, as well as records kept of such maintenance at minimum periods of 12 months, as required by the Regulatory Reform Order, and repaired if necessary. Reference should be made to ASFP TGD 17 – Code of Practice for the Installation and Inspection of Fire Stopping.

Competency

It is vital that those entrusted to design or install a fire stopping product have the necessary levels of competence to undertake the task professionally and thoroughly. The level of competency required will be commensurate with the expected complexity of the building. All designers must eliminate, reduce or control foreseeable risks that may arise during installation, construction or maintenance when preparing or modifying designs. Clients should ensure that the principal designer and principal contractor carry out their duties under CDM regulations. The ASFP foundation course in passive fire protection provides essential knowledge as part of demonstrating competency and understanding in this key fire protection specialism.

Additional Notes

Please refer to the ETA sheet for fields of application for this product. For further information on installation requirements please refer to the duct manufacturer data and wall specification to ensure the compatibility of this product, if in doubt please contact the technical team with services and wall specification on: tel [01329 844 500](tel:01329844500) or email sales@astroflame.com

Health and Safety

Please see (SDS) Safety Data sheet - This can be requested from our sales team T: [01329 844 500](tel:01329844500) or E: sales@astroflame.com

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