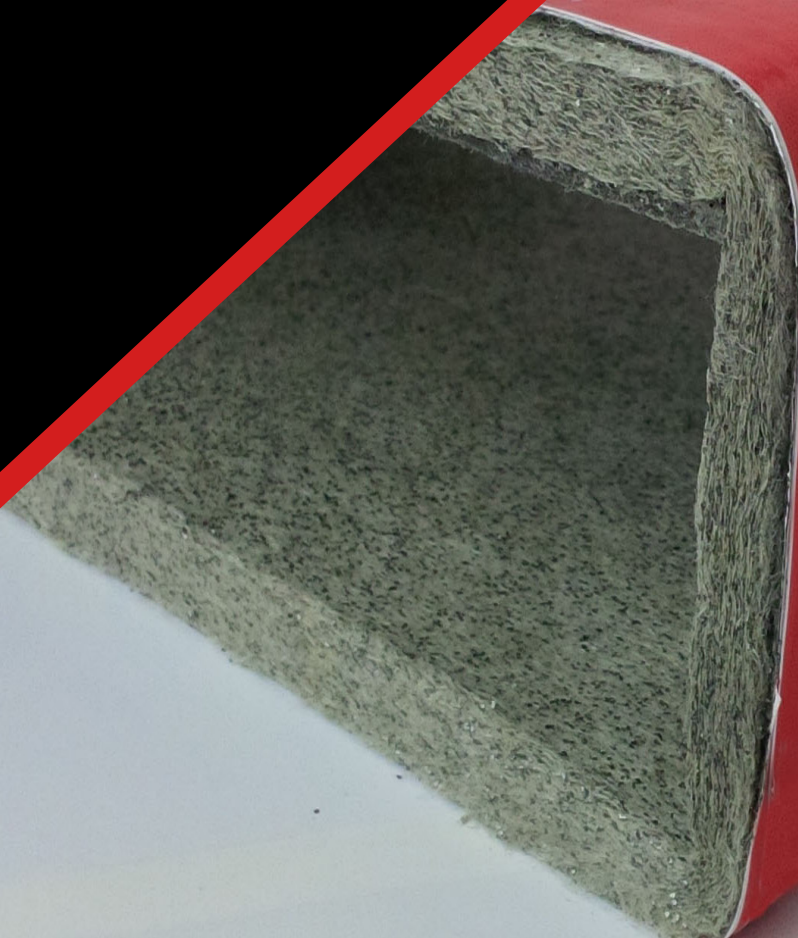


# Product Data Sheet

## Astro DS Low Profile Duct Sleeve

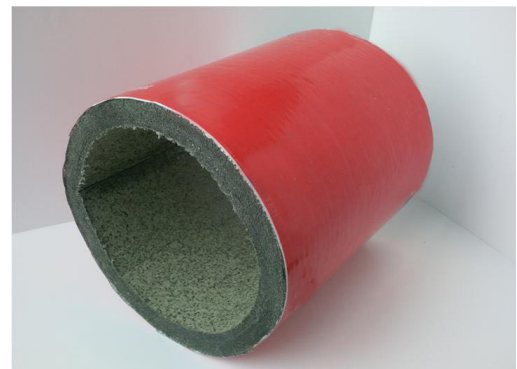
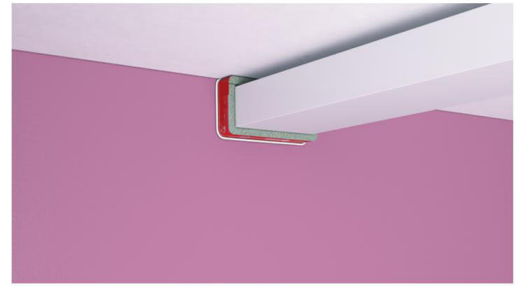
Revision 9 - 10th March 2021



## 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 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.



#### Product Description

Astroflame Duct Sleeves maintain the integrity of fire rated walls penetrated by plastic ventilation ducts.

The new Low Profile Duct Sleeve is a more compact version of the original Astro DS Duct Sleeve that offers the same industry leading fire performance.

The Low Profile sleeves have been independently fire tested to BS EN 1366-3 in a full scale partition system with Uncapped/Uncapped pipe/duct end configuration as required for ventilation systems and assessed for use in series around multiple duct penetrations.

In the event of a fire the intumescent material of the duct sleeve expands and crushes the plastic ventilation duct, closing off this route to the fire for up to 120 minutes. Fire test evidence is available for use with up to 120 minutes wall constructions including a variety of single and double layer plasterboard partitions.

Low profile duct sleeves need no additional metal cage or sleeving, can be slit for retrofitting over ductwork and access is only required from one side. The slim dimensions (typically 10-15mm thickness) and compressible nature of the intumescent material allows tight fitting against the ceiling soffit without the need to remove the top edge.

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](mailto: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](mailto: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](mailto: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](mailto:sales@astroflame.com)

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