

Trade Name: ASTRO DS LOW PROFILE DUCT SLEEVE

Intumescent Duct Sleeve

Compact Duct Sleeve with 2 hr rating to EN 1366-3:2009., EN 13501-1 Construction covered.

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.



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 2 hours. Fire test evidence is available for use within 30, 60 and 120 minute 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 retro fitting 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.

 CE Marked Documents
 'DoP's are Declarators of Performance
 'CoC's are 'Certificates of Constancy'

[DoP Astro DS Duct Sleeve +](#)

[CoC Astro DS Duct Sleeve +](#)

[Astro DS Duct Sleeve + ETA](#)

CE
1224

Astroflame Fireseals Ltd
 Unit 8 The I O Centre
 Stephenson Road
 Segensworth, Fareham
 Hampshire, PO15 5RU
 14
 1224-CPR-0555

ETA -14/0117
 ETAG 026 - Part 2
ASTRO DS DUCT SLEEVE / +
 "see ETA-14/0117 for
 relevant characteristics"

Availability

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

Item	Internal Width [mm]	Internal Height [mm]	Length [mm]	Product Ref
Low Profile Duct Sleeve	110	54	180	AFDS110LP
Low Profile Duct Sleeve	204	60	180	AFDS204LP
Low Profile Duct Sleeve	220	90	180	AFDS22090LP
Low Profile Duct Sleeve	308	29	180	AFDS308LP
Low Profile Duct Sleeve Circular	n/a	103 Diam	150	AFDSC100LP
Low Profile Duct Sleeve Circular	n/a	127 Diam	280	AFDSC127LP
Low Profile Duct Sleeve Circular	n/a	159 Diam	180	AFDSC159LP

Packed - Individually

To Order & Specify

Please quote- Quantity / Trade name / Product Ref / Size
 Typical wording- 10 / Astro Low Profile Duct Sleeve / AFDS204LP / 204mm

Fire Tests

BS EN 1366-3: 2009 / EN 13501-1 : Constructions Covered - Plasterboard Partitions, Solid Walls
 Fire Ratings: EI120 minutes

Health and Safety

Refer to COSHH sheet

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Astroflame (Fire Seals) Ltd. Intumescent House
Unit 8, The IO Centre, Stephenson Road, Segensworth
FAREHAM, ENGLAND PO15 5RU

tel 0800 023 2482
(01329 844500)

fax 0800 023 2483
(01329 844600)

intl
tel +44 1329 844500

fax +44 1329 844600

email sales@astroflame.com

[Homepage.](#)