



# FACTORY FABRICATED PLAIN FLAT OVAL DUCT



#### Introduction:

Plain Flat-oval spiral duct is machine formed duct. The straight sections of the long sides rolled by means of sheet rolling machine and it is formed as perfectly flat. The flat oval shape is specifically designed for low head room and restricted space locations which can't accept round duct.

#### Major Benefits of Spiral Duct for HVAC Systems

- · Light weight flat reinforced walls.
- Smooth streamline internal surfaces giving low friction loss and no turbulence.
- Long runs in continuous lengths.
- Simple joining technique.
- matted fittings of consistent size.
- · Reduced space requirement in height or depth



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### Specifications:

- Thickness: 24 G to 16 G Thickness of flat-oval spiral ducts as per SMACNA "HVAC Duct Construction Standards" 1985.
- ·Length: 4 ft. length.
- ·Material: Galvanised steel, mild steel (CRCA), Aluminium, Stainless Steel etc.
- Surface Constructions: Plain flat smoot surface finish with spot welding

FLAT OVAL DUCT CONSTRUCTION		
MAJOR DIMENSION DUCT WIDTH	LONGITUDINAL SEAM DUCT GAUGE	GAUGE OF FITTINGS
TO 24"	20	20
25" TO 36"	20	20
37" TO 48"	18	18
49" TO 60"	18	18
61" TO 70"	16	16
71" AND ABOVE	16	16



### UNIVERSAL INDUSTRIES

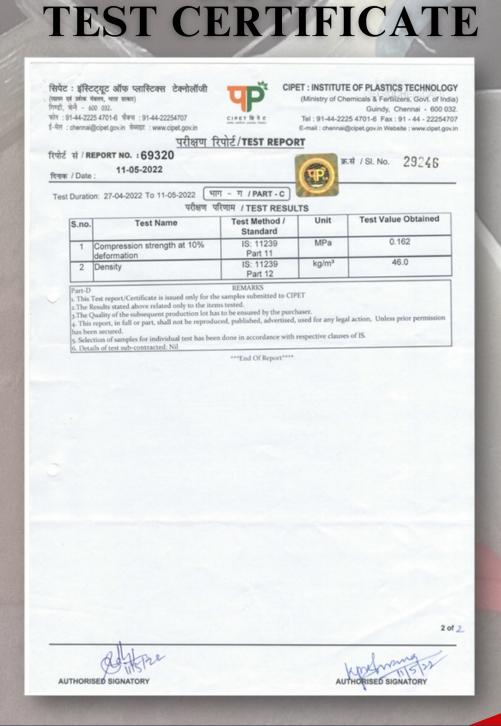
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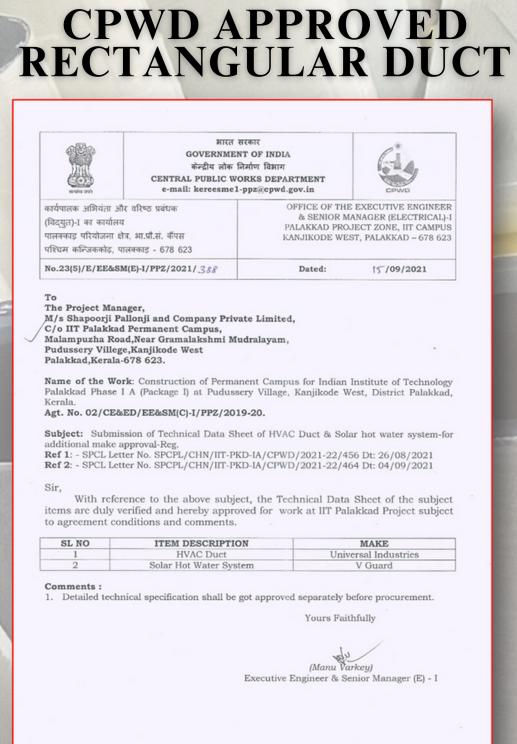


**South Asia** ISO 9001: 2015 **Certificate No. 99 100 22850** 

ISO 9001: 2015

#### **CERTIFICATE** The Certification Body of TÜV SÜD South Asia Private Limited Universal Industries DP-58. 1st Main Road, SIDCO Industrial Estate Kattur, Thirumullaivoyal, Chennai - 600062, Tamil Nadu, India in accordance with ISO 9001:2015 HVAC Ducts, Grilles & Diffusers, Pre Insulated Pipes & Accessories The certificate is valid from 2022-12-12 until 2025-12-11 Subject to successful completion of annual periodic audits this certificate can be obtained through TUV SUD website by scanning bell on number (without spaces) on web page. Further clarifications regarding the Date of Initial certification: 2022-12-12 Issue Date: 2022-12-12 Rev. 00





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