



# Duct Systems

## 43mm Duct Clamp

### Description

Radius wall mounting bracket for supporting two 43.5mm ducts in a vertical or horizontal manner when fixed to a wall with a single 8mm Hilti hammer fixing\* or equivalent.

The bracket is suitable for situation in damp, mildly aggressive environments for the hanging of sub-duct at intervals not greater than 900mm.

- Durable
- High quality construction
- Resistant to chemicals

\* Fixings sold separately



### Material & Technical features

- High impact grade polypropylene copolymer
- Injection moulded
- Fluorescent orange colour for better visibility

Dimensions	
Attribute	(mm)
Width	125.6
Mounting width	65
Height	59
Length	45
Tube Centres	67.3
Pinning hole diameter	8.0-8.5
Pinning hole entrance diameter	12.5-13.5

- Fast & easy assembly
- Lightweight & robust
- Retrofittable, can be installed any time, any place
- Reusable, removal with an appropriate tool
- Suitable for wall mounting
- Suitable for Man Entry Sewer application
- Design life: minimum 25 years
- High impact grade

### Tests

Test	Acceptance criteria
Open Clip Drop Out	The clip shall hold the duct in place for 2 minutes when it is in the opened position with 3m duct hanging free.
Sustained Load	The bracket when installed shall be capable of providing a minimum, sustained, duct pull out force of 750N.
Impact Resistance	When installed the bracket shall be capable of withstanding an impact in the axial direction of the duct of up to 20J with a striker spherical face of R25mm, without loss in duct retention at temperatures of -5 & 23°C.
Environmental Stress Crack Resistance	After a solution of 10% Igepal CO 630 in water at 50°C for 168hrs-fully immersed with duct installed, the clip shall show no signs of visible change when tested for Impact Resistance.
Thermal Ageing	There shall not be any evidence of delamination, cracks or bubbles having developed during the test when viewed with the naked eye.
UV Stability	12 months protection according to ISO4607:1978.
Chemical Resistance	The bracket material/s shall be such that all performance requirements are met for the design lifetime and will not be degraded if subjected to any of the following: - <ul style="list-style-type: none"> <li>• A solution of 10% Igepal CO 630 in water at 50°C for 168hrs-fully immersed with duct installed.</li> <li>• Sulphuric acid 10% solution in water at 50°C for 168hrs-fully immersed with duct installed</li> </ul>