

NEW

Shaping a
Sustainable
Future



The Smart Choice For Greener Networks

Radius are pleased to introduce their new range of PP (Polypropylene) main duct as part of our commitment to provide Telecoms operators with sustainable and reduced carbon footprint infrastructure solutions.

A Greener Manufacturing Process

PP, like Polyethylene, is extruded and moulded without additives such as phthalates and tin complexes.

The material is inert and often used in food packaging and does not contain any chlorine components.

PP has a significantly lower manufacturing carbon footprint than similar competitor materials.

Environmentally Friendly Material

- 100% recyclable
- Easy end of life recycling as PP can be introduced to standard rework streams
- No phthalate plasticisers
- No organometallic/tin complex stabilisers
- No risk of burning with evolution of hydrochloric acid

PP Duct Systems

100% Recyclable
No Complex Additives
Low Carbon Footprint

Fully Compatible &
Interchangeable with
uPVC systems



PP Duct Systems

Proven Mechanical Properties You Can Trust

Material Characteristics

PP has proven long term strength and durability and has been used for duct extrusion for many years.

- 100 years service life
- Abrasion and impact resistant
- Excellent chemical resistance to acids and alkalis

Strong, Safe & Easy to Handle

- Good low temperature impact performance
- Easily handled without breakage
- No sharp edges when cut

Dimensions & Specifications

- Made in accordance with BS 61386-24 : 2010
- Each length is push-fit socketed, compliant with IP54
- 450N Compression Strength (750N available on request)

Nominal OD (mm)	Nominal ID (mm)	Crush (N)	Length* (m) incl. socket	Pallet Qty (lengths)
54	50	450	3.07, 6.07	390
96.5	89.5	450	4.1, 6.1	105
110	103	450	6.1	86

*Other lengths are available on request, subject to MOQ.

Colour

The PP Duct range is available in standard Telecoms colours. Other colours are available on request.



Fittings

We offer a full one-stop-shop with a complimentary range of bends, couplers, oversleeves, reducers, swept tees, split swept tees and Y-branches.

