

Micro-Duct Joint closure

When the tube connection is made the outer sheath of the duct is removed therefore the tube is exposed to the outside environment. At these connection points, a branch closure is needed to protect the exposed tubes. These closures can be used for direct buried applications or installation inside a manhole or handhole. In order to remain cost effective, the closures are not water tight, but the duct connections points are well protected from moisture by straight connectors and end caps. The three main closure types are named after their shape. The I/Y closure, T closure, and D closure.

All of these closures accept a wide variety of different sizes and shapes of microducts with interchangeable rubber grommets located at each opening. The grommets may be completely solid with no opening if that particular opening will not be utilized, or will have a different sized hole depending on the application.

Modular closures that can be use as D , Y , T type in same time .

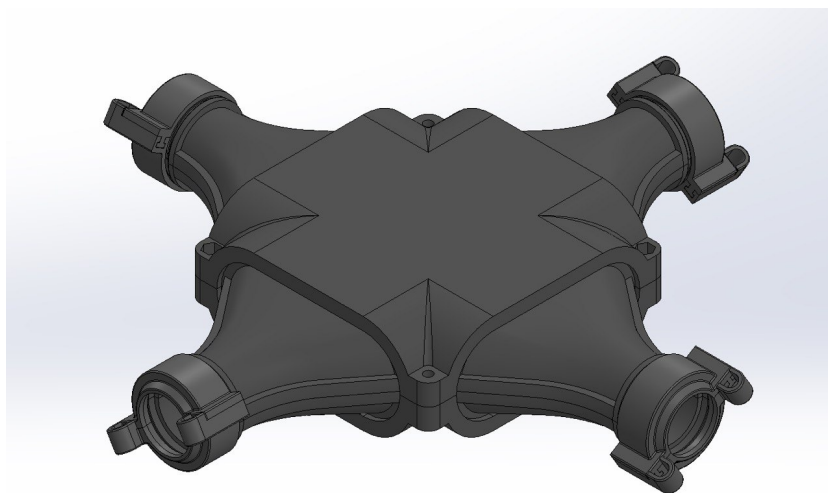


Fig 1 : Microduct Joint Closure

Features:

- 1) Protecting Microduct (When it sets up Air-Blown Fiber)
- 2) 4 ports are good for Microduct branching
- 3) Double clamping structure for holding duct
- 4) High strength plastic for impact and durability
- 5) Easy maintenance and reassemble
- 6) Installment : Underground, Direct buried

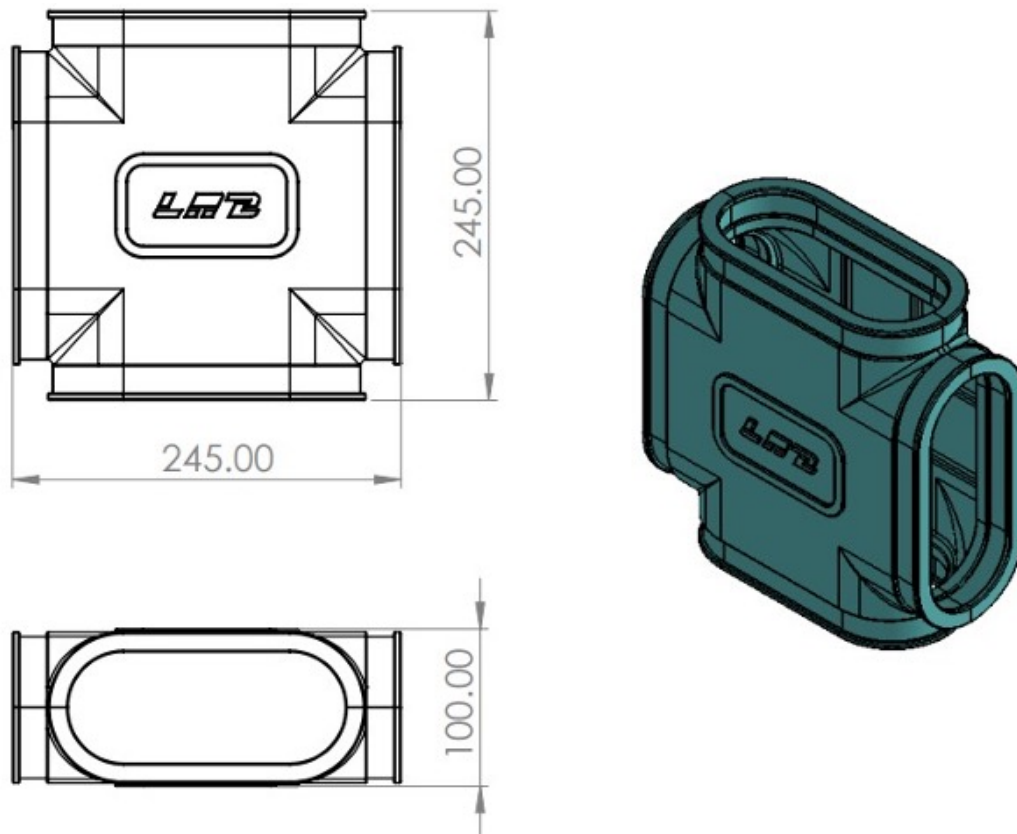


Fig 2. Microduct Joint main body (For both 14/10 and 8/5 microduct sizes)

Specification	
Dimension (mm)	245 × 245 × 100
Weight (g)	784 (392×2)
Microduct diameter	44.5 >
Microduct type	(14/10 – 8/5) ×7 >

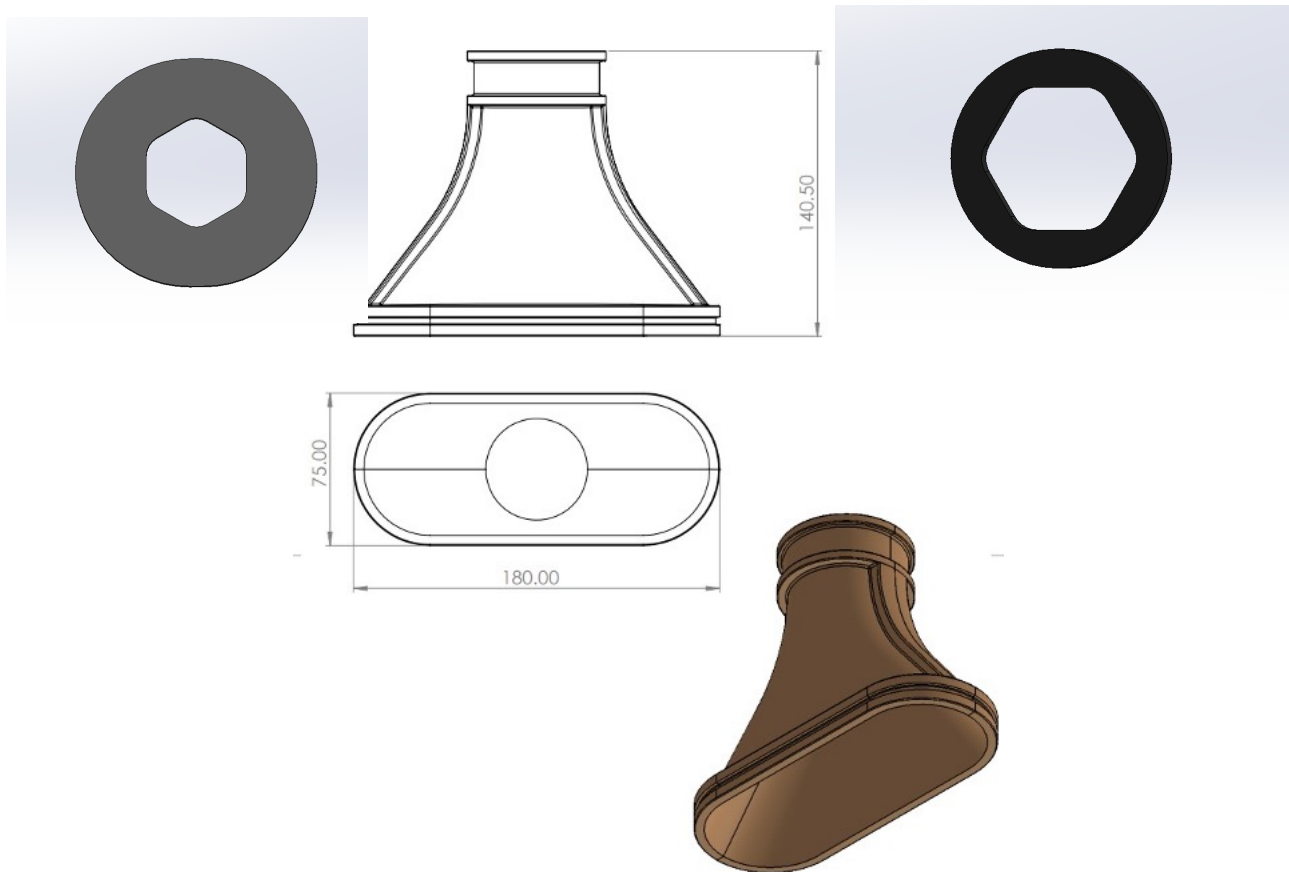


Fig 3. Microduct Joint arm (For 14/10 microduct sizes)

Specification	
Dimension (mm)	140.5 × 180 × 75
Weight (g)	178 (89×2)
Microduct diameter	44.5 >
Microduct type	14/10 ×7 >

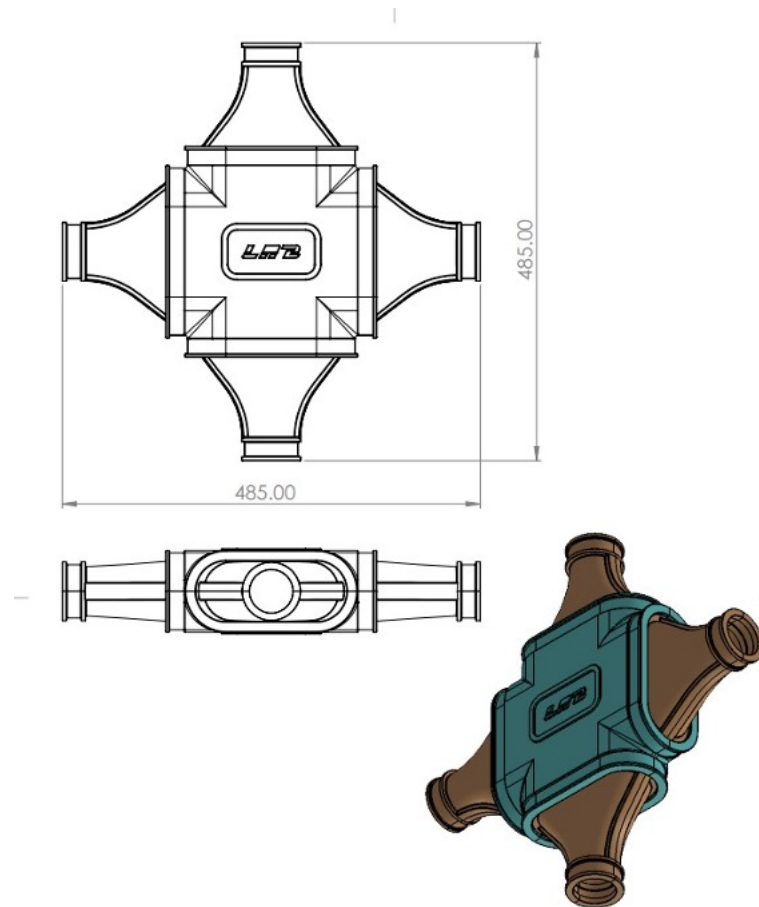


Fig 4. Joint schematic with 4 branch orientation (For 14/10 microduct sizes)

Specification	
Dimension (mm)	485 × 485 × 100
Weight (g)	1496
Microduct diameter	44.5 >
Microduct type	14/10 × 7 >

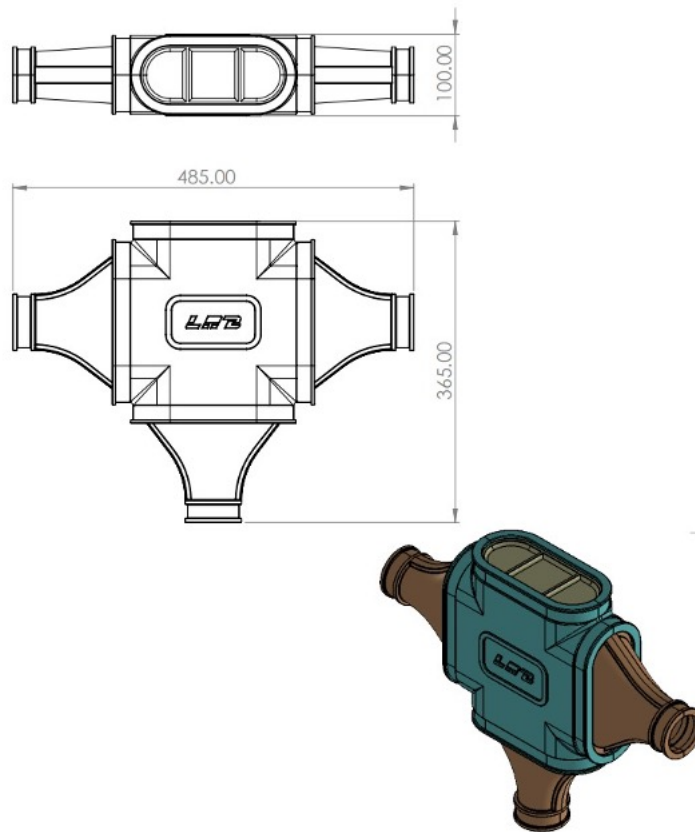


Fig 5. Joint Schematic with 3 branch orientation

Specification	
Dimension (mm)	485 × 365 × 100
Weight (g)	1402
Microduct diameter	44.5 >
Microduct type	14/10 × 7 >

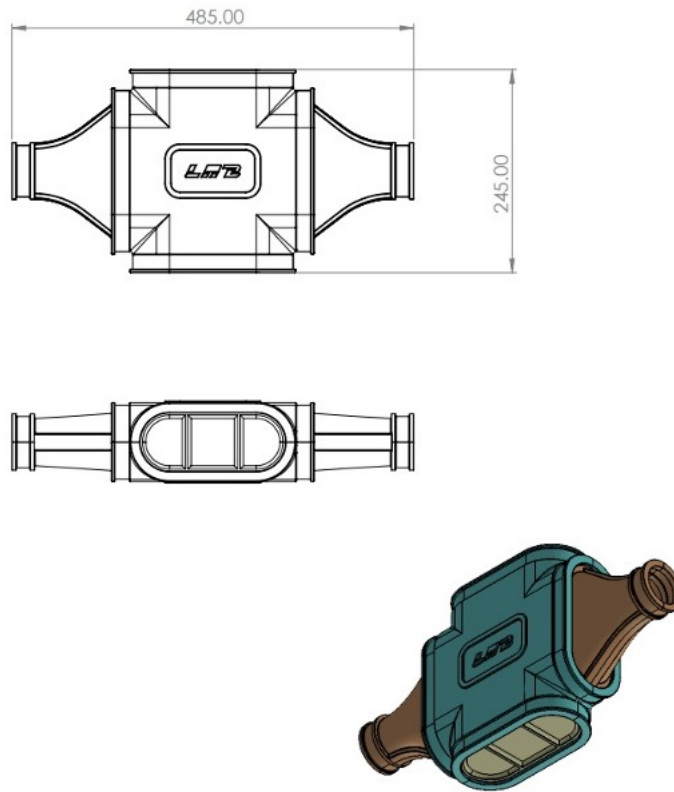


Fig 5. Joint Schematic with connection orientation

Specification	
Dimension (mm)	485 × 245 × 100
Weight (g)	1308
Microduct diameter	44.5 >
Microduct type	14/10 × 7 >

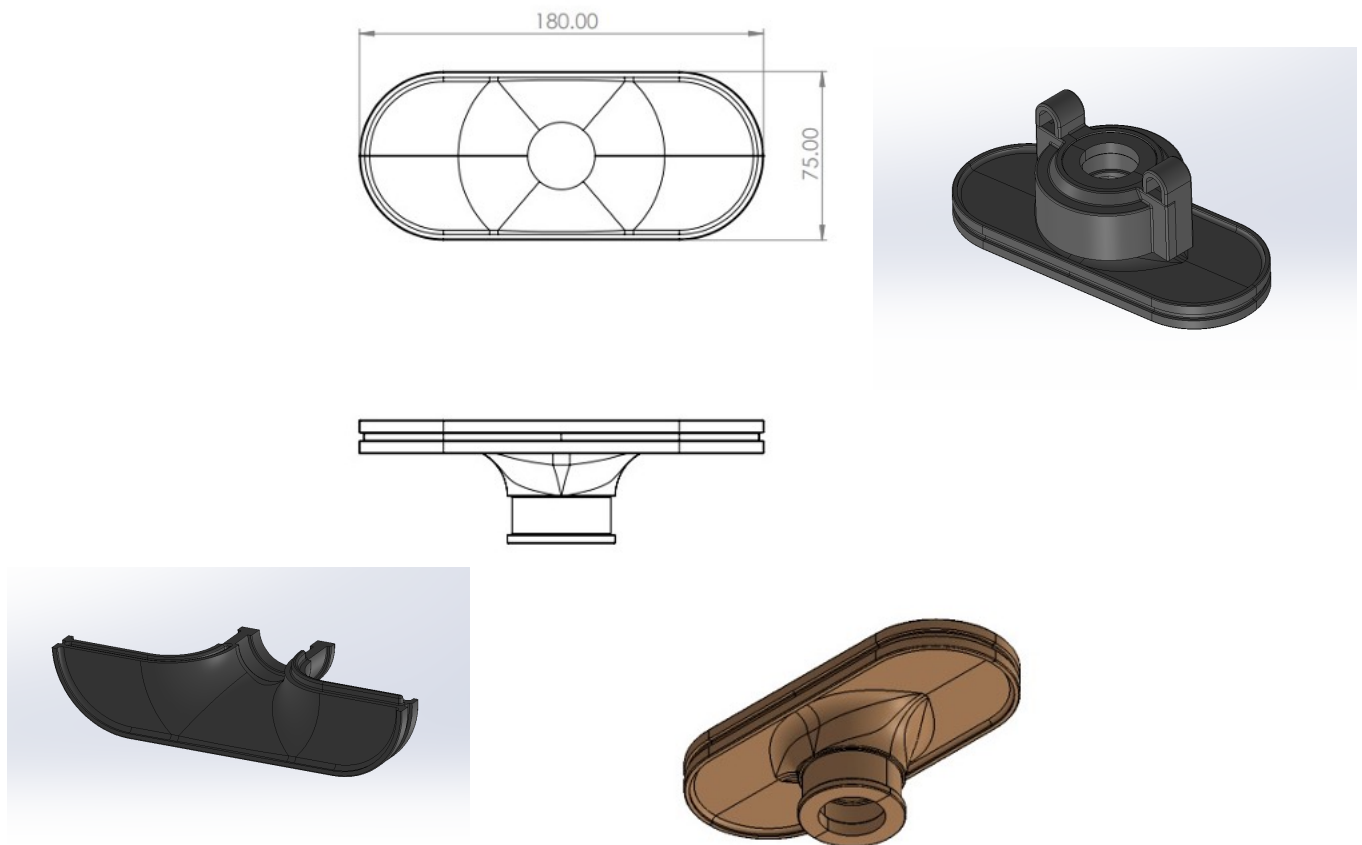


Fig 3. Microduct Joint arm (For 8/5 microduct sizes)

Specification		
Dimension (mm)		180 × 75 × 55
Weight (g)		126 (63×2)
Microduct diameter (mm)		36.3 >
Microduct type		8/5 ×7 >

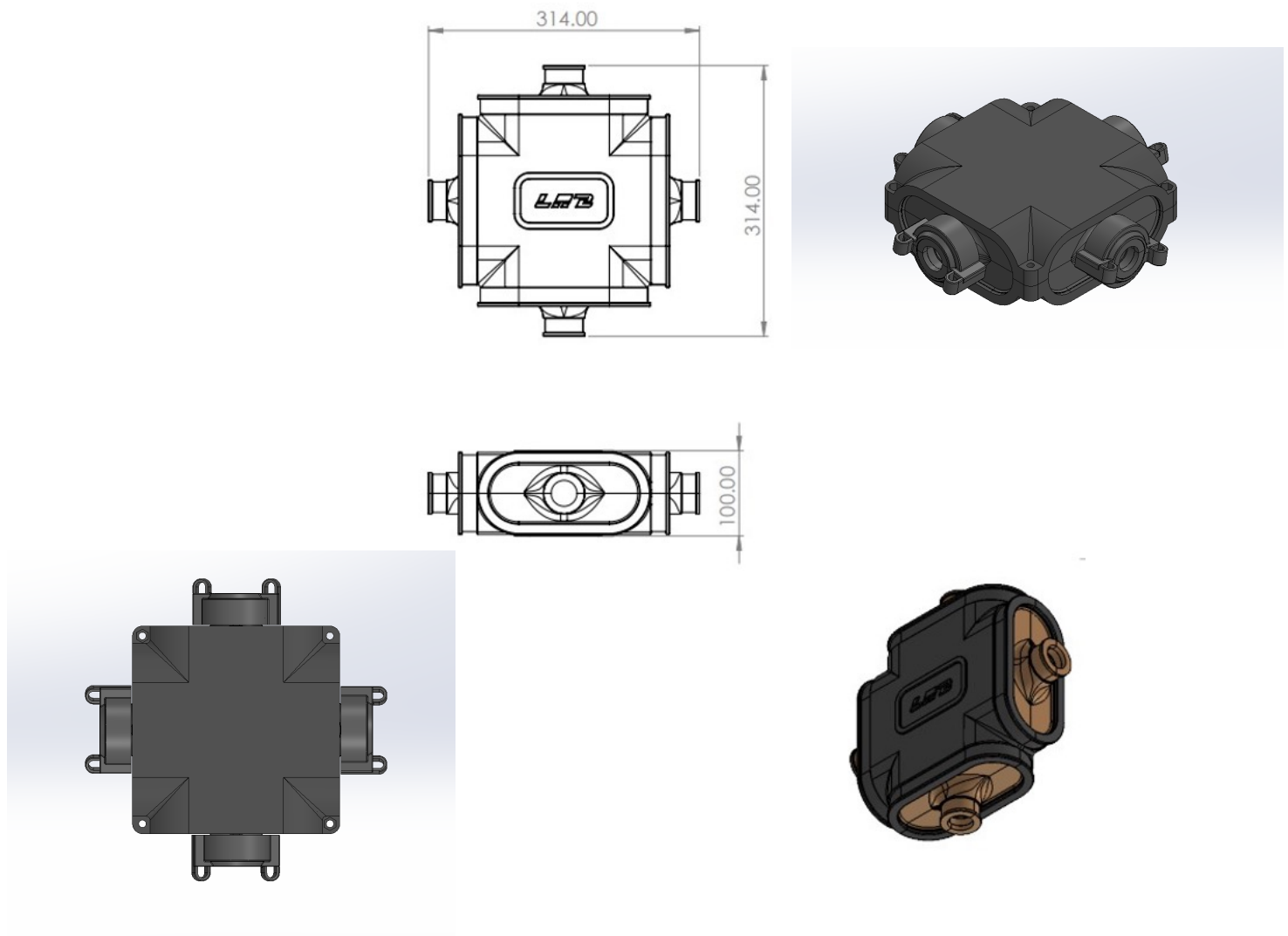


Fig 4. Microduct Joint schematic with 4 branch orientation
(For 8/5 microduct sizes)

Specification	
Dimension (mm)	314 × 314 × 100
Weight (g)	1288
Microduct diameter	36.3 >
Microduct type	8/5 × 7 >