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# About us

Tunçel Silikon was founded in 1991 in Ankara. Our company has manufactured industrial silicone until 2013. Those days there was no silicone product maker in Turkey. All medical silicone products had to be imported with high prices and useless. So, Tunçel Silikon began the manufacture of silicone drains and aspiration hose with a Class 100.000 clean room. Tunçel Silikon is the leading enterprise producing medical silicone products in Turkey. All products are made of 100% medical silicone. They are non-toxic, odorless and shows durability for a long time and resistance for blood, urine and medical solutions. Biocompatibility tests of our products have been successfully completed. The products maintain their sterile properties within the shelf life.

PVC Bulb Reservoir production started in 2019. In 2020, the production of Chest Drainage Set, Silicone Hemovac Drain and PVC Hemovac Drain started.

We aim to enter the world market with ISO 13485 and CE certificates.

#### SILICONE FLAT DRAINS





Silicone Flat Drains are used to drainage dirty blood, pus and body fluids from the patient after surgery. Our products are made of soft and 100% medical compatible silicone in order not to harm the patient. Its soft and anti-curling structure prevents bending and snagging. The inside of the drain consists of thin grooves and has a perforated structure with equal widths and intervals. It can be easily seen in x-ray thanks to its radiopaque line.

| REF NUM     | <u>SIZE</u> |
|-------------|-------------|
| TS15MFD1-05 | 5 mm        |
| TS15MFD1-07 | 7 mm        |
| TS15MFD1-10 | 10 mm       |
| TS15MFD1-13 | 13 mm       |

## SILICONE BLAKE DRAINS

#### (ROUND BLAKE AND FLAT BLAKE DRAINS)

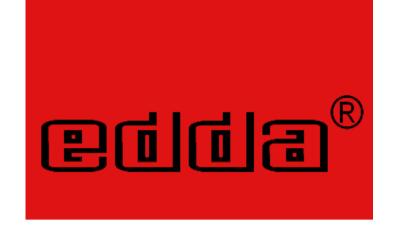


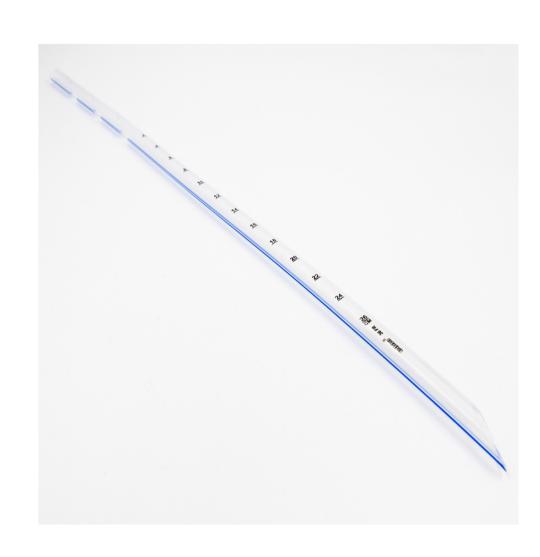


Silicone Blake Drains are used to drainage dirty blood, pus and body fluids from the patient after surgery. Our products are made of soft and 100% medical compatible silicone in order not to harm the patient. Its soft and anti-curling structure prevents bending and snagging. It can be easily seen in x-ray thanks to its radiopaque line.

| REF NUM.     | SIZE - SHAPE  | REF NUM.     | SIZE - SHAPE  |
|--------------|---------------|--------------|---------------|
| TS15MBD1-9F  | 9 Fr - Round  | TS15MBD3-9F  | 9 Fr - Round  |
| TS15MBD1-15F | 15 Fr - Round | TS15MBD3-15F | 15 Fr - Round |
| TS15MBD1-21F | 21 Fr - Round | TS15MBD3-21F | 21 Fr - Round |
| TS15MBD1-30F | 30 Fr - Round | TS15MBD3-30F | 30 Fr - Round |
| TS15MBD2-24F | 24 Fr - Flat  | TS15MBD4-24F | 24 Fr - Flat  |
| TS15MBD2-30F | 30 Fr - Flat  | TS15MBD4-30F | 30 Fr - Flat  |

## SILICONE THORAX DRAINS





Silicone Thorax Drains are used to drainage dirty blood, pus and body fluids from the patient after surgery. Our products are made of soft and 100% medical compatible silicone in order not to harm the patient. Its soft and anti-curling structure prevents bending and snagging. There is a rounded, open distal end that does not cause trauma. It has transverse side holes that prevent tissue absorption, and they are spiral. Its length is 50 cm. It can be easily seen in x-ray thanks to its radiopaque line.

| REF NUM      | <u>SIZE</u> | REF NUM      | <u>SIZE</u> |
|--------------|-------------|--------------|-------------|
| TS15MTD1-9F  | 9 Fr        | TS15MTD1-26F | 26 Fr       |
| TS15MTD1-12F | 12 Fr       | TS15MTD1-27F | 27 Fr       |
| TS15MTD1-15F | 15 Fr       | TS15MTD1-28F | 28 Fr       |
| TS15MTD1-16F | 16 Fr       | TS15MTD1-30F | 30 Fr       |
| TS15MTD1-18F | 18 Fr       | TS15MTD1-32F | 32 Fr       |
| TS15MTD1-20F | 20 Fr       | TS15MTD1-33F | 33 Fr       |
| TS15MTD1-21F | 21 Fr       | TS15MTD1-36F | 36 Fr       |
| TS15MTD1-22F | 22 Fr       | TS15MTD1-40F | 40 Fr       |
| TS15MTD1-24F | 24 Fr       |              |             |

## SILICONE STRAIGHT DRAINS





Silicone Straight Drains are used to drainage dirty blood, pus and body fluids from the patient after surgery. Our products are made of soft and 100% medical compatible silicone in order not to harm the patient. Its soft and anti-curling structure prevents bending and snagging. There is a rounded, open distal end that does not cause trauma. It has transverse side holes that prevent tissue absorption, and they are spiral. Its length is 90 cm. It can be easily seen in x-ray thanks to its radiopaque line.

| REF NUM      | <u>SIZE</u> | REF NUM      | <u>SIZE</u> |
|--------------|-------------|--------------|-------------|
| TS15MSD1-9F  | 9 Fr        | TS15MSD1-26F | 26 Fr       |
| TS15MSD1-12F | 12 Fr       | TS15MSD1-27F | 27 Fr       |
| TS15MSD1-15F | 15 Fr       | TS15MSD1-28F | 28 Fr       |
| TS15MSD1-16F | 16 Fr       | TS15MSD1-30F | 30 Fr       |
| TS15MSD1-18F | 18 Fr       | TS15MSD1-32F | 32 Fr       |
| TS15MSD1-20F | 20 Fr       | TS15MSD1-33F | 33 Fr       |
| TS15MSD1-21F | 21 Fr       | TS15MSD1-36F | 36 Fr       |
| TS15MSD1-22F | 22 Fr       | TS15MSD1-40F | 40 Fr       |
| TS15MSD1-24F | 24 Fr       |              |             |

#### SILICONE SOFT DRAINS





Silicone Soft Drains are used to drainage dirty blood, pus and body fluids from the patient after surgery. Our products are made of soft and 100% medical compatible silicone in order not to harm the patient. Its soft and anti-curling structure prevents bending and snagging. There is a rounded, open distal end that does not cause trauma. It has transverse side holes that prevent tissue absorption, and they are spiral. Its length is 90 cm. It can be easily seen in x-ray thanks to its radiopaque line.

| REF NUM      | <u>SIZE</u> | REF NUM      | SIZE  |
|--------------|-------------|--------------|-------|
| TS15MSD3-9F  | 9 Fr        | TS15MSD3-26F | 26 Fr |
| TS15MSD3-12F | 12 Fr       | TS15MSD3-27F | 27 Fr |
| TS15MSD3-15F | 15 Fr       | TS15MSD3-28F | 28 Fr |
| TS15MSD3-16F | 16 Fr       | TS15MSD3-30F | 30 Fr |
| TS15MSD3-18F | 18 Fr       | TS15MSD3-32F | 32 Fr |
| TS15MSD3-20F | 20 Fr       | TS15MSD3-33F | 33 Fr |
| TS15MSD3-21F | 21 Fr       | TS15MSD3-36F | 36 Fr |
| TS15MSD3-22F | 22 Fr       | TS15MSD3-40F | 40 Fr |
| TS15MSD3-24F | 24 Fr       |              |       |

## SILICONE T DRAINS





Silicone T Drains are used to drainage dirty blood, pus and body fluids from the patient after surgery. Our products are made of soft and 100% medical compatible silicone in order not to harm the patient. Its soft and anti-curling structure prevents bending and snagging. It can be easily seen in x-ray thanks to its radiopaque line.

| REF NUM      | <u>SIZE</u> |
|--------------|-------------|
| TS15MTD2-8F  | 8 Fr        |
| TS15MTD2-10F | 10 Fr       |
| TS15MTD2-12F | 12 Fr       |
| TS15MTD2-14F | 14 Fr       |
| TS15MTD2-16F | 16 Fr       |
| TS15MTD2-18F | 18 Fr       |
| TS15MTD2-20F | 20 Fr       |
| TS15MTD2-22F | 22 Fr       |
| TS15MTD2-24F | 24 Fr       |

## SILICONE PENROSE DRAINS





Silicone Penrose Drains are used to drainage dirty blood, pus and body fluids from the patient after surgery. Our products are made of soft and 100% medical compatible silicone in order not to harm the patient. Its soft and anti-curling structure prevents bending and snagging. It can be easily seen in x-ray thanks to its radiopaque line.

| REF NUM     | SIZE-SHAPE-LENGHT     |             |                      |
|-------------|-----------------------|-------------|----------------------|
| TS15MPD1-05 | 5 mm - Round - 30 cm  |             |                      |
| TS15MPD1-06 | 6 mm - Round - 30 cm  |             |                      |
| TS15MPD1-08 | 8 mm - Round - 30 cm  | REF NUM     | SIZE-SHAPE-LENGHT    |
| TS15MPD1-10 | 10 mm - Round - 30 cm | TS15MPD2-10 | 10 mm - Flat - 35 cm |
| TS15MPD1-12 | 12 mm - Round - 30 cm | TS15MPD2-20 | 20 mm - Flat - 35 cm |
| TS15MPD1-15 | 15 mm - Round - 30 cm | TS15MPD2-30 | 30 mm - Flat - 35 cm |
| TS15MPD1-19 | 19 mm - Round - 30 cm | TS15MPD3-10 | 10 mm - Flat - 45 cm |
| TS15MPD1-20 | 20 mm - Round - 30 cm | TS15MPD3-20 | 20 mm - Flat - 45 cm |
|             |                       | TS15MPD3-30 | 30 mm - Flat - 45 cm |
|             |                       | TS15MPD4-10 | 10 mm - Flat - 50 cm |
|             |                       | TS15MPD4-20 | 20 mm - Flat - 50 cm |
|             |                       | TS15MPD4-30 | 30 mm - Flat - 50 cm |

## SILICONE REDON DRAINS





Silicone Redon Drains are used to drainage dirty blood, pus and body fluids from the patient after surgery. Our products are made of soft and 100% medical compatible silicone in order not to harm the patient. Its soft and anti-curling structure prevents bending and snagging. It can be easily seen in x-ray thanks to its radiopaque line.

| REF NUM.     | <b>SIZE - LENGHT</b> |                 |                      |              |                      |
|--------------|----------------------|-----------------|----------------------|--------------|----------------------|
| TS15MRD1-8F  | 8 Fr - 50 cm         |                 |                      |              |                      |
| TS15MRD1-10F | 10 Fr - 50 cm        |                 |                      |              |                      |
| TS15MRD1-12F | 12 Fr - 50 cm        |                 |                      |              |                      |
| TS15MRD1-14F | 14 Fr - 50 cm        | <u>REF NUM.</u> | <u>SIZE - LENGHT</u> |              |                      |
| TS15MRD1-16F | 16 Fr - 50 cm        | TS15MRD2-8F     | 8 Fr - 90 cm         |              |                      |
| TS15MRD1-18F | 18 Fr - 50 cm        | TS15MRD2-10F    | 10 Fr - 90 cm        |              | OIZE LENGUE          |
| TS15MRD1-20F | 20 Fr - 50 cm        | TS15MRD2-12F    | 12 Fr - 90 cm        | REF NUM.     | <u>SIZE - LENGHT</u> |
|              |                      | TS15MRD2-14F    | 14 Fr - 90 cm        | TS15MRD3-8F  | 8 Fr - 110 cm        |
|              |                      | TS15MRD2-16F    | 16 Fr - 90 cm        | TS15MRD3-10F | 10 Fr - 110 cm       |
|              |                      | TS15MRD2-18F    | 18 Fr - 90 cm        | TS15MRD3-12F | 12 Fr - 110 cm       |
|              |                      | TS15MRD2-20F    | 20 Fr - 90 cm        | TS15MRD3-14F | 14 Fr - 110 cm       |
|              |                      |                 |                      | TS15MRD3-16F | 16 Fr - 110 cm       |
|              |                      |                 |                      | TS15MRD3-18F | 18 Fr - 110 cm       |
|              |                      |                 |                      | TS15MRD3-20F | 20 Fr - 110 cm       |

#### **PVC BULB RESERVOIRS**





PVC Bulb Reservoirs are containers where the dirty blood, pus and body fluids removed from the human body are collected. Our products are manufactured from 100% medical compatible PVC raw material to prevent harm to the patient. There is a scaling that indicates the volume to keep track of the amount of liquid collected. It drainages with low negative pressure. There is a valve system that prevents back leakage. Our product is transparent so that the liquid can be observed.

| REF NUM.    | <u>SIZE</u> |
|-------------|-------------|
| TS19BR-100  | 100 cc      |
| TS19BR -150 | 150 cc      |
| TS19BR-200  | 200 cc      |
| TS19BR-250  | 250 cc      |
| TS19BR-400  | 400 cc      |

#### CHEST DRAINAGE SETS

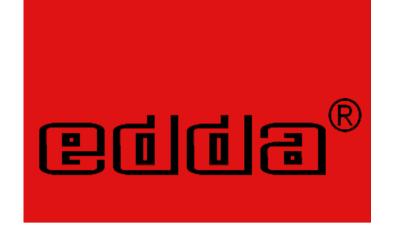


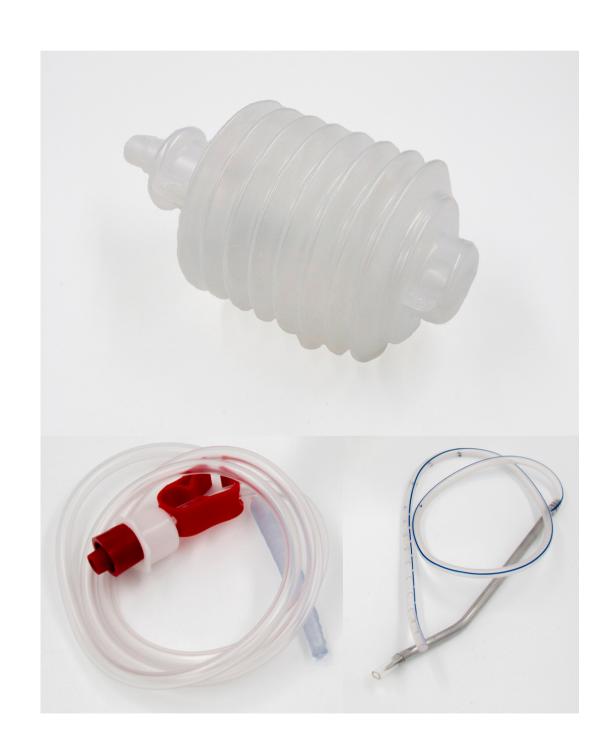


The Chest Drainage Set is used with drains placed in the intrapleural space to expel abnormally accumulated fluid / blood and air in the pleural cavity for various reasons, to regenerate negative pressure in the thoracic cavity and to expand the lungs. There is scaling on the product and the product is transparent. It has a wide base to prevent tipping. It is manufactured from 100% medical compatible raw materials in order not to harm the patient.

| REF NUM.     | <u>SIZE</u> |
|--------------|-------------|
| TS20GDS-700  | 700 cc      |
| TS20GDS-2000 | 2000 cc     |

#### **PVC HEMOVAC DRAINS**





It is used in emergencies or surgical intervention areas to drainage the accumulated fluid with low negative pressure. It is a sterile single used medical device consisting of a single or double trocar redon drain, connection hose and bellows reservoir. There are two redon drains in the double trocar set and a y connector at the end of the connection hose. There is scaling on the product and the product is transparent. It is manufactured from 100% medical compatible raw materials in order not to harm the patient.

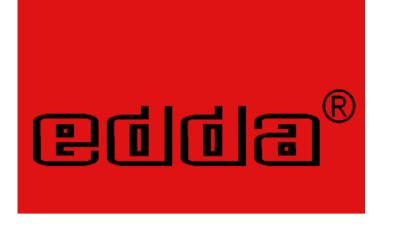
#### REF NUM. SIZE

| TS20HDT1-8F  | 200 cc - Single Trocar - 8 Fr  |
|--------------|--------------------------------|
| TS20HDT1-10F | 200 cc - Single Trocar - 10 Fr |
| TS20HDT1-12F | 200 cc - Single Trocar - 12 Fr |
| TS20HDT1-14F | 200 cc - Single Trocar - 14 Fr |
| TS20HDT1-16F | 200 cc - Single Trocar - 16 Fr |
| TS20HDT1-18F | 200 cc - Single Trocar - 18 Fr |
|              |                                |
| TS20HDT2-8F  | 400 cc - Single Trocar - 8 Fr  |
| TS20HDT2-10F | 400 cc - Single Trocar - 10 Fr |
| TS20HDT2-12F | 400 cc - Single Trocar - 12 Fr |
| TS20HDT2-14F | 400 cc - Single Trocar - 14 Fr |
| TS20HDT2-16F | 400 cc - Single Trocar - 16 Fr |
| TS20HDT2-18F | 400 cc - Single Trocar - 18 Fr |
|              |                                |

#### REF NUM. SIZE

| TS20HDÇ1-8F  | 200 cc - Double Trocar - 8 Fr  |
|--------------|--------------------------------|
| TS20HDÇ1-10F | 200 cc - Double Trocar - 10 Fr |
| TS20HDÇ1-12F | 200 cc - Double Trocar - 12 Fr |
| TS20HDÇ1-14F | 200 cc - Double Trocar - 14 Fr |
| TS20HDÇ1-16F | 200 cc - Double Trocar - 16 Fr |
| TS20HDÇ1-18F | 200 cc - Double Trocar - 18 Fr |
|              |                                |
| TS20HDÇ2-8F  | 400 cc - Double Trocar - 8 Fr  |
| TS20HDÇ2-10F | 400 cc - Double Trocar - 10 Fr |
| TS20HDÇ2-12F | 400 cc - Double Trocar - 12 Fr |
| TS20HDÇ2-14F | 400 cc - Double Trocar - 14 Fr |
| TS20HDÇ2-16F | 400 cc - Double Trocar - 16 Fr |
|              | 400 D II T 40 E                |
| TS20HDÇ2-18F | 400 cc - Double Trocar - 18 Fr |

## SILICONE HEMOVAC DRAINS





It is used in emergencies or surgical intervention areas to drainage the accumulated fluid with low negative pressure. It is a sterile single used medical device consisting of a single or double trocar redon drain, connection hose and bellows reservoir. There are two redon drains in the double trocar set and a y connector at the end of the connection hose. There is scaling on the product and the product is transparent. It is manufactured from 100% medical compatible raw materials in order not to harm the patient.

#### REF NUM. SIZE

| TS20HDT3-8F  | 200 cc - Single Trocar - 8 Fr  |
|--------------|--------------------------------|
| TS20HDT3-10F | 200 cc - Single Trocar - 10 Fr |
| TS20HDT3-12F | 200 cc - Single Trocar - 12 Fr |
| TS20HDT3-14F | 200 cc - Single Trocar - 14 Fr |
| TS20HDT3-16F | 200 cc - Single Trocar - 16 Fr |
| TS20HDT3-18F | 200 cc - Single Trocar - 18 Fr |
|              |                                |
| TS20HDT4-8F  | 400 cc - Single Trocar - 8 Fr  |
| TS20HDT4-10F | 400 cc - Single Trocar - 10 Fr |
| TS20HDT4-12F | 400 cc - Single Trocar - 12 Fr |
| TS20HDT4-14F | 400 cc - Single Trocar - 14 Fr |
| TS20HDT4-16F | 400 cc - Single Trocar - 16 Fr |
| TS20HDT4-18F | 400 cc - Single Trocar - 18 Fr |

#### REF NUM. SIZE

| TS20HDÇ3-8F  | 200 cc - Double Trocar - 8 Fr |
|--------------|-------------------------------|
| TS20HDÇ3-10F | 200 cc - Double Trocar - 10 F |
| TS20HDÇ3-12F | 200 cc - Double Trocar - 12 F |
| TS20HDÇ3-14F | 200 cc - Double Trocar - 14 F |
| TS20HDÇ3-16F | 200 cc - Double Trocar - 16 F |
| TS20HDÇ3-18F | 200 cc - Double Trocar - 18 F |
| •            |                               |
| TS20HDÇ4-8F  | 400 cc - Double Trocar - 8 Fr |
| TS20HDÇ4-10F | 400 cc - Double Trocar - 10 F |
| TS20HDÇ4-12F | 400 cc - Double Trocar - 12 F |
| TS20HDÇ4-14F | 400 cc - Double Trocar - 14 F |
| TS20HDÇ4-16F | 400 cc - Double Trocar - 16 F |
| TS20HDÇ4-18F | 400 cc - Double Trocar - 18 F |
|              |                               |





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