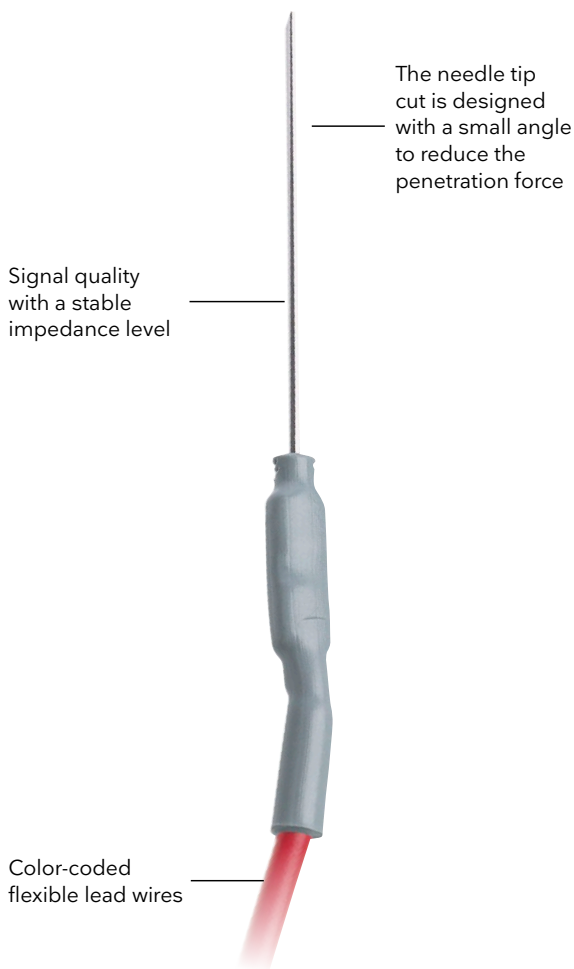


## DATASHEET

Ambu® Neuroline™ Subdermal and Ambu® Neuroline™ Twisted Pair Subdermal are made of stainless steel, designed to balance between stiffness and flexibility. The needle electrodes provide a stable impedance level, and feature a needle tip which is designed to reduce the penetration force.

The lead wires are flexible and color-coded to assist the identification of needles.



# Ambu® Neuroline™ Subdermal Ambu® Neuroline™ Twisted Pair Subdermal



## KEY BENEFITS

The needle tip cut is designed to reduce the penetration force

Signal quality with stable impedance level

Stainless steel needle designed to balance between strength and flexibility

Color-coded lead wires to assist the identification of needles

## RECOMMENDED APPLICATIONS

Electromyography (EMG)

Electroencephalography (EEG)

Evoked Potentials (EP)

Intraoperative Monitoring (IOM)

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## SPECIFICATIONS

### Environment

Electrode is not made with natural rubber latex  
 Lead wire is not made with natural rubber latex  
 Packaging is PVC-free

### MATERIALS

#### Electrode

|                      |  |
|----------------------|--|
| Needle               | Stainless steel                        |
| Lead wire            | Copper tinned wire with PVC insulation |
| Connector            | Copper Alloy                           |
| Plastic protection   | Polyethylene (PE)                      |
| Connector type       | 1.5 mm touch-proof (DIN 42 802)        |
| Sterilization method | EO-sterilized                          |

#### Packaging

|                            |                                  |
|----------------------------|----------------------------------|
| Pouches, transparent layer | Polyethylene terephthalate (PET) |
| Pouches, centre layer      | Polypropylene (PP)               |
| Pouches, paper layer       | Paper                            |
| Boxes                      | Cardboard                        |



M = 1.5 mm connector



Storage temperature

## AVAILABLE CONFIGURATIONS

| Item No.                      | Needle length |      | Diameter |       | Lead wire length |      | Lead wire color | Shelf life in months (unopened pouches) | Packaging   |                 |                 |
|-------------------------------|---------------|------|----------|-------|------------------|------|-----------------|---|-------------|-----------------|-----------------|
|                               | mm            | inch | mm       | Gauge | cm               | inch |                 |   | Units/pouch | Units/inner box | Units/outer box |
| <b>Subdermal</b>              |               |      |          |       |                  |      |                 |   |             |                 |                 |
| 74512-50/24                   | 12            | 0.5  | 0.40     | 27G   | 50               | 20   |                 | 60                                      | 1           | 24              | 384             |
| 74512-100/24                  | 12            | 0.5  | 0.40     | 27G   | 100              | 40   | ●●●●●           | 60                                      | 1           | 24              | 384             |
| 74512-150/24                  | 12            | 0.5  | 0.40     | 27G   | 150              | 60   | ●●●●●           | 60                                      | 1           | 24              | 384             |
| 74512-250/24                  | 12            | 0.5  | 0.40     | 27G   | 250              | 100  | ●●●●●           | 60                                      | 1           | 24              | 384             |
| <b>Twisted Pair Subdermal</b> |               |      |          |       |                  |      |                 |   |             |                 |                 |
| 74612-100/1/20*               | 12            | 0.5  | 0.40     | 27G   | 100              | 40   | ●●●●●           | 60                                      | 1           | 20              | 160             |
| 74612-150/1/20*               | 12            | 0.5  | 0.40     | 27G   | 150              | 60   | ●●●●● ●●●●●     | 60                                      | 1           | 20              | 160             |
| 74612-200/1/20*               | 12            | 0.5  | 0.40     | 27G   | 200              | 80   | ●●●●● ●●●●●     | 60                                      | 1           | 20              | 160             |
| 74612-250/1/20*               | 12            | 0.5  | 0.40     | 27G   | 250              | 100  | ●●●●● ●●●●●     | 60                                      | 1           | 20              | 160             |
| 74612-100/2/20**              | 12            | 0.5  | 0.40     | 27G   | 100              | 40   | ●●●●● ●●●●●     | 60                                      | 1           | 20              | 160             |
| 74612-150/2/20**              | 12            | 0.5  | 0.40     | 27G   | 150              | 60   | ●●●●● ●●●●●     | 60                                      | 1           | 20              | 160             |
| 74612-200/2/20**              | 12            | 0.5  | 0.40     | 27G   | 200              | 80   | ●●●●● ●●●●●     | 60                                      | 1           | 20              | 160             |
| 74612-250/2/20**              | 12            | 0.5  | 0.40     | 27G   | 250              | 100  | ●●●●● ●●●●●     | 60                                      | 1           | 20              | 160             |

\*Color kit 1 includes Red, Blue, Green, Yellow, Orange lead wires each paired respectively with a White and a Black lead wire. Each box contains 2 of each color combinations.

\*\*Color kit 2 includes Lilac, Grey, Brown, Pink, Beige lead wires each paired respectively with a White and a Black lead wire. Each box contains 2 of each color combinations.

74512-50/24 ● Product ● Needle length ● Needle diameter ● Units per inner box

# Ambu

Distributed by:

Ambu A/S

Baltorpbakken 13  
 2750 Ballerup  
 Denmark  
 T +45 72 25 20 00  
 ambu.com



US: Rx only