

SUPOLENE

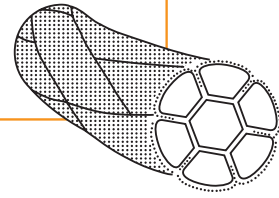


- nicht-resorbierbarer Polyesterfaden
- extrem zugfest
- hydrophob
- alterungsbeständig
- sehr gewebefreundlich

- *non-absorbable suture*
- *high and permanent tensile strength*
- *hydrophobic*
- *non-ageing*
- *completely non-irritating*



SUPOLENE



Eigenschaften:

- hohe Reißfestigkeit
- hervorragende Fadengleitfähigkeit, keine Sägewirkung
- sehr gleichmäßige und glatte Oberflächenbeschaffenheit
- sehr geringe Gewebereaktion
- geringe Kapillarität

SUPOLENE wird, ebenso wie POLYESTER, durch Polykondensation von Ethylenglykol und Terephthalsäure hergestellt.

Die Faserbildung erfolgt nach dem Trockenspinnverfahren. Anschließend wird der Faden präzisionsgeflochten, gefärbt, getempert und die Oberfläche durch Beschichtung des Fadens speziell veredelt. Durch diese Oberflächenbehandlung werden Kapillarität sowie Sägewirkung beim Gewebedurchzug und Knotenlauf auf ein Minimum reduziert.

SUPOLENE ist hydrophob, also ohne Wasserabsorptionseigenschaften. Das Material ist mit einem physiologisch unbedenklichen Farbstoff eingefärbt.

- ➔ Farbe: grün, weiß (ohne Farbstoff)
- ➔ Chemische Bezeichnung: Polyethylenterephthalat Polyesterfaser
- ➔ Fadenstärke: USP 6-0 -3 (0.7-6 metric)
- ➔ Konfektionsangebote:
 - Nadel-Faden-Kombinationen
 - in vorgeschrittenen Längen
- ➔ Sterilisation: Ethylenoxid

Properties:

- high tear resistance
- excellent tissue passage, no sawing effect
- very even and smooth surface properties
- very minimal tissue reaction
- minimal capillarity

Like POLYESTER, the production of SUPOLENE involves the polycondensation of ethylene glycol and terephthalic acid.













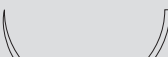
Fibres are formed using the dry spinning process. The suture then undergoes precision-braiding, dyeing and tempering and the surface is specially refined by coating. This surface treatment minimises capillarity and any sawing effect during tissue passage and knot rundown.

SUPOLENE is hydrophobic, i.e., it does not absorb water. The material is coloured with a physiologically harmless dye.

- ➔ Colour: green, white (no dye)
- ➔ Chemical name: polyethylene terephthalate polyester fibre
- ➔ Thread diameter: USP 6-0 -3 (0.7-6 metric)
- ➔ Types of packaging:
 - needle-thread-combinations
 - in precut lengths
- ➔ Sterilization method: ethylene oxide

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Sterile Nadel-Faden-Kombination / *needle suture combination, sterile*







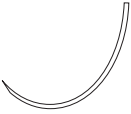

| Nadel / needle | Stärke / gauge | | Länge / length (m) | Farbe / colour | Best.-Nr. / code no. | Packungsinhalt / box content (Stück / pieces) |
|---|---|--------|-----------------------|----------------|-------------------------|---|
| | USP | metric | | | | |
| HR, HRX = 1/2-Kreis Rundkörper <i>HR, HRX = 1/2 circle, taper point</i> | | | | | | |
| HR 12 ●  | 5-0 | 1 | 0,75 | grün / green | 9021 | 36 |
| | 4-0 | 1.5 | 0,75 | grün / green | 9022 | 36 |
| HR 12 A ● Abziehnadel / control release needle  | 4-0 | 1.5 | 8 x 0,45 | grün / green | A90232 (M) | 12 |
| 2 x HR 15 ●  | 5-0 | 1 | 0,75 | grün / green | 9024 | 36 |
| HR 17 ●  | 5-0 | 1 | 0,75 | grün / green | 9025 | 36 |
| | 4-0 | 1.5 | 0,75 | grün / green | 9026 | 36 |
| | 3-0 | 2 | 0,75 | grün / green | 9027 | 36 |
| | 2-0 | 3 | 0,75 | grün / green | 9028* | 36 |
| HR 17 A ● Abziehnadel / control release needle  | 4-0 | 1.5 | 8 x 0,45 | grün / green | A90238 (M) | 12 |
| 2 x HR 17 ●  | 4-0 | 1.5 | 0,90 | grün / green | 90210 | 36 |
| | 3-0 | 2 | 0,90 | grün / green | 90214 | 36 |
| | 2-0 | 3 | 0,90 | grün / green | 90234 | 36 |
| HR 22 ●  | 4-0 | 1.5 | 0,75 | grün / green | 90215 | 36 |
| | 3-0 | 2 | 0,75 | grün / green | 90216 | 36 |
| | 2-0 | 3 | 0,75 | grün / green | 90217 | 36 |
| HR 22 A ● Abziehnadel / control release needle  | 4-0 | 1.5 | 4 x 0,45 | grün / green | A90233 (M) | 12 |
| 2 x HRX 22 ●  | 2 | 5 | 0,75 | grün / green | 9043 | 24 |
| HR 27 ●  | 4-0 | 1.5 | 0,75 | grün / green | 90233 | 36 |
| | 3-0 | 2 | 0,75 | grün / green | 90218 | 36 |
| | 2-0 | 3 | 0,75 | grün / green | 90219 | 36 |
| | 0 | 3.5 | 0,75 | grün / green | 90220 | 36 |
| | 1 | 4 | 0,75 | grün / green | 90221 | 36 |
| | 2-0 | 3 | 1,20 | grün / green | 90222 | 36 |
| | 0 | 3.5 | 1,20 | grün / green | 90223 | 36 |
| | 2-0 | 3 | 6 x 0,75 | grün / green | M90222 (M) | 12 |
| | 2 x HRX 27 ●  | 2 | 5 | 0,75 | grün / green | 9041 |
| | 3 | 6 | 0,75 | grün / green | 9042 | 24 |
| HR 30 ●  | 2-0 | 3 | 0,75 | grün / green | 90227 | 36 |
| | 0 | 3.5 | 0,75 | grün / green | 90228 | 36 |
| HR 35 ●  | 0 | 3.5 | 0,75 | grün / green | 90230 | 36 |
| | 1 | 4 | 0,75 | grün / green | 90231 | 36 |

*eventuell mit verlängerter Lieferzeit verbunden / possibly associated with an extended delivery time

(M) = Multipack

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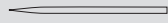
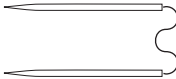
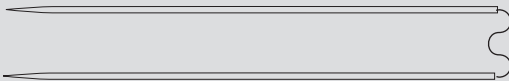




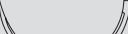

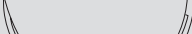
Sterile Nadel-Faden-Kombination / *needle suture combination, sterile*

| Nadel / needle | Stärke / gauge | | Länge / length (m) | Farbe / colour | Best.-Nr. / code no. | Packungsinhalt / box content (Stück / pieces) |
|--|----------------|--------|-----------------------|----------------|-------------------------|---|
| | USP | metric | | | | |
| HRT = 1/2-Kreis schneidende Rundkörper <i>HRT = 1/2 circle, taper cutting</i> | | | | | | |
| HRT 18 ▼  | 5-0 | 1 | 0,45 | grün / green | 90630 | 36 |
| | 4-0 | 1.5 | 0,45 | grün / green | 90612 | 36 |
| | 5-0 | 1 | 0,75 | grün / green | 9061 | 36 |
| | 4-0 | 1.5 | 0,75 | grün / green | 9062 | 36 |
| | 3-0 | 2 | 0,75 | grün / green | 9063 | 36 |
| | 2-0 | 3 | 0,75 | grün / green | 9064 | 36 |
| | 0 | 3.5 | 0,75 | grün / green | 90652 | 36 |
| 2 x HRT 18 ▼  | 4-0 | 1.5 | 0,75 | grün / green | 9067 | 36 |
| | 3-0 | 2 | 0,75 | grün / green | 9068 | 36 |
| | 2-0 | 3 | 0,75 | grün / green | 9069 | 36 |
| | 0 | 3.5 | 0,75 | grün / green | 90610 | 36 |
| HRT 25 ▼  | 3-0 | 2 | 0,75 | grün / green | 90616 | 36 |
| | 2-0 | 3 | 0,75 | grün / green | 90617 | 36 |
| | 0 | 3.5 | 0,75 | grün / green | 90618 | 36 |
| HRT 35 ▼  | 2 | 5 | 0,75 | grün / green | 90655 | 24 |
| HRT 45 ▼  | 0 | 3.5 | 0,75 | grün / green | 90620 | 24 |
| | 2 | 5 | 0,75 | grün / green | 90626 | 24 |
| | 2 | 5 | 4 x 0,75 | grün / green | M90613 (M) | 12 |
| ART = Asymptotische schneidende Rundkörper <i>ART = asymptotic, taper cutting</i> | | | | | | |
| ART 13 ▼  | 5-0 | 1 | 0,45 | grün / green | 9284 | 12 |
| | 4-0 | 1.5 | 0,45 | grün / green | 9281 | 12 |
| ART 25 ▼  | 4-0 | 1.5 | 0,45 | grün / green | 9282 | 12 |
| | 3-0 | 2 | 0,45 | grün / green | 9283 | 12 |
| DR = 3/8-Kreis Rundkörper <i>DR = 3/8 circle, taper point</i> | | | | | | |
| DR 20 ●  | 3-0 | 2 | 0,75 | grün / green | 90718 | 36 |

(M) = Multipack

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Sterile Nadel-Faden-Kombination / *needle suture combination, sterile*

| Nadel / needle | Stärke / gauge | | Länge / length (m) | Farbe / colour | Best.-Nr. / code no. | Packungsinhalt / box content (Stück / pieces) |
|--|----------------|--------|-----------------------|----------------|-------------------------|---|
| | USP | metric | | | | |
| GR = Gerade Rundkörper <i>GR = straight, taper point</i> | | | | | | |
| GR 20 ●  | 4-0 | 1.5 | 0,45 | grün / green | 9096 | 36 |
| | 3-0 | 2 | 0,45 | grün / green | 9091 | 36 |
| 2 x GR 20 ●  | 4-0 | 1.5 | 0,35 | grün / green | 9093 | 36 |
| | | | | | | |
| 2 x GR 65 ●  | 3 | 6 | 0,75 | grün / green | 9094 | 24 |
| | | | | | | |
| DRT = 3/8-Kreis schneidende Rundkörper (Diamond-Spitze) <i>DRT = 3/8 circle, taper cutting</i> | | | | | | |
| DRT 12 ⊙  | 6-0 | 0.7 | 0,75 | grün / green | 9081 | 36 |
| | 5-0 | 1 | 0,75 | grün / green | 9082 | 36 |
| DRT 18 ⊙  | 3-0 | 2 | 0,75 | grün / green | 9087 | 36 |
| | 2-0 | 3 | 0,75 | grün / green | 9088 | 36 |
| HS = 1/2-Kreis außen schneidend <i>HS = 1/2 circle, reverse cutting</i> | | | | | | |
| HS 18 ▼  | 4-0 | 1.5 | 0,45 | grün / green | 9118 | 36 |
| | 3-0 | 2 | 0,45 | grün / green | 9111 | 36 |
| HS 22 ▼  | 3-0 | 2 | 0,75 | grün / green | 9112 | 36 |
| | 2-0 | 3 | 0,75 | grün / green | 9113 | 36 |
| HS 27 ▼  | 0 | 3.5 | 0,75 | grün / green | 9115 | 36 |
| HS 35 ▼  | 1 | 4 | 0,75 | grün / green | 9116 | 36 |
| | | | | | | |
| HS 40 ▼  | 1 | 4 | 0,75 | grün / green | 9117 | 36 |
| | | | | | | |

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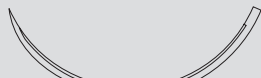

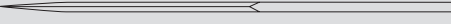
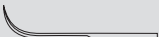


Sterile Nadel-Faden-Kombination / *needle suture combination, sterile*

| Nadel / needle | Stärke / gauge USP | gauge metric | Länge / length (m) | Farbe / colour | Best.-Nr. / code no. | Packungsinhalt / box content (Stück / pieces) |
|---|-----------------------|-----------------|-----------------------|---------------------|-------------------------|---|
| DS = 3/8-Kreis außen schneidend, DSM = mit PREMIUM-Schliff <i>DS = 3/8 circle, reverse cutting, DSM = PREMIUM cut</i> | | | | | | |
| DSM 11 ▽ PREMIUM-Schliff / <i>PREMIUM cut</i> | 6-0 | 0,7 | 0,45 | grün / <i>green</i> | 9151 | 36 |
| DS 13 ▼ | 4-0 | 1,5 | 0,45 | grün / <i>green</i> | 9142 | 36 |
| DSM 13 ▽ PREMIUM-Schliff / <i>PREMIUM cut</i> | 5-0 | 1 | 0,45 | grün / <i>green</i> | 9152 | 36 |
| | 4-0 | 1,5 | 0,45 | grün / <i>green</i> | 9153 | 36 |
| DSM 16 ▽ PREMIUM-Schliff / <i>PREMIUM cut</i> | 5-0 | 1 | 0,45 | grün / <i>green</i> | 9155 | 36 |
| | 4-0 | 1,5 | 0,45 | grün / <i>green</i> | 9156 | 36 |
| DS 18 ▼ | 5-0 | 1 | 0,45 | grün / <i>green</i> | 9144 | 36 |
| | 4-0 | 1,5 | 0,45 | grün / <i>green</i> | 9145 | 36 |
| | 3-0 | 2 | 0,45 | grün / <i>green</i> | 9146 | 36 |
| DS 18 F ▼ | 4-0 | 1,5 | 0,45 | grün / <i>green</i> | 91427 | 36 |
| DSM 18 ▽ PREMIUM-Schliff / <i>PREMIUM cut</i> | 4-0 | 1,5 | 0,45 | grün / <i>green</i> | 9157 | 36 |
| | 3-0 | 2 | 0,45 | grün / <i>green</i> | 9158 | 36 |
| | 2-0 | 3 | 0,45 | grün / <i>green</i> | 9159 | 36 |
| | 4-0 | 1,5 | 0,75 | grün / <i>green</i> | 91526 | 36 |
| | 3-0 | 2 | 4 x 0,45 | grün / <i>green</i> | M91515 (M) | 24 |
| DS 21 ▼ | 4-0 | 1,5 | 0,45 | grün / <i>green</i> | 91423 | 36 |
| | 3-0 | 2 | 0,45 | grün / <i>green</i> | 91424 | 36 |
| | 2-0 | 3 | 0,45 | grün / <i>green</i> | 91425 | 36 |
| DSM 21 ▽ PREMIUM-Schliff / <i>PREMIUM cut</i> | 4-0 | 1,5 | 0,45 | grün / <i>green</i> | 91516 | 36 |
| | 3-0 | 2 | 0,45 | grün / <i>green</i> | 91517 | 36 |
| | 2-0 | 3 | 0,45 | grün / <i>green</i> | 91518 | 36 |
| DS 24 ▼ | 4-0 | 1,5 | 0,45 | grün / <i>green</i> | 9147 | 36 |
| | 3-0 | 2 | 0,45 | grün / <i>green</i> | 9148 | 36 |
| | 2-0 | 3 | 0,45 | grün / <i>green</i> | 9149 | 36 |
| | 3-0 | 2 | 0,75 | grün / <i>green</i> | 91410 | 36 |
| | 0 | 3,5 | 0,75 | grün / <i>green</i> | 91433 | 36 |
| DSM 24 ▽ PREMIUM-Schliff / <i>PREMIUM cut</i> | 3-0 | 2 | 0,75 | grün / <i>green</i> | 91513 | 36 |
| | 2-0 | 3 | 0,75 | grün / <i>green</i> | 91514 | 36 |
| DS 27 ▼ | 2-0 | 3 | 0,45 | grün / <i>green</i> | 91411 | 36 |
| | 2-0 | 3 | 0,75 | grün / <i>green</i> | 91426 | 36 |
| DSM 27 ▽ PREMIUM-Schliff / <i>PREMIUM cut</i> | 2-0 | 3 | 0,45 | grün / <i>green</i> | 91520 | 36 |
| | 2-0 | 3 | 0,75 | grün / <i>green</i> | 91519 | 36 |

(M) = Multipack

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Sterile Nadel-Faden-Kombination / *needle suture combination, sterile*

| Nadel / needle | Stärke / gauge | | Länge / length (m) | Farbe / colour | Best.-Nr. / code no. | Packungsinhalt / box content (Stück / pieces) |
|---|----------------|--------|-----------------------|----------------|-------------------------|---|
| | USP | metric | | | | |
| DS 30 ▼  | 2-0 | 3 | 0,75 | grün / green | 91412 | 36 |
| | 0 | 3.5 | 0,75 | grün / green | 91413 | 36 |
| | 1 | 4 | 0,75 | grün / green | 91428 | 36 |
| DSM 30 ▽  | 2-0 | 3 | 0,75 | grün / green | 91521 | 36 |
| | 0 | 3.5 | 0,75 | grün / green | 91522 | 36 |
| PREMIUM-Schliff / <i>PREMIUM cut</i> | | | | | | |
| DS 40 ▼  | 2-0 | 3 | 0,75 | grün / green | 91435 | 36 |
| | 0 | 3.5 | 0,75 | grün / green | 91414 | 36 |
| DS 50 ▼  | 1 | 4 | 0,75 | grün / green | 91434 | 36 |
| GS = Gerade schneidend <i>GS = straight, cutting</i> | | | | | | |
| GS 60 ▼  | 0 | 3.5 | 0,45 | grün / green | 9178 | 36 |
| | 2-0 | 3 | 0,75 | grün / green | 9174 | 36 |
| | 0 | 3.5 | 0,75 | grün / green | 9179 | 36 |
| KS = 1/2-gebogene außen schneidend <i>KS = 1/2 curved, reverse cutting</i> | | | | | | |
| KS 20 ▼  | 3-0 | 2 | 0,45 | grün / green | 9181 | 36 |
| HSPM = 1/2-Kreis SPATULA (PREMIUM-Schliff) <i>HSPM = 1/2 circle, spatulated (PREMIUM cut)</i> | | | | | | |
| 2 x HSPM 8 ▽  | 5-0 | 0.7 | 0,45 | weiß / white | 9192 | 24 |
| | 4-0 | 1.5 | 0,45 | weiß / white | 9191 | 24 |
| PREMIUM-Schliff / <i>PREMIUM cut</i> | | | | | | |
| VSPM F = 1/4-Kreis SPATULA (PREMIUM-Schliff) <i>VSPM F = 1/4 circle, spatulated (PREMIUM cut)</i> | | | | | | |
| 2 x VSPM 8 F ▽  | 6-0 | 0.7 | 0,45 | weiß / white | 9211 | 24 |
| | 5-0 | 1 | 0,45 | weiß / white | 9212 | 24 |
| PREMIUM-Schliff / <i>PREMIUM cut</i> | | | | | | |

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Einzelfadenpackungen, steril in vorgeschnittenen Längen / *Sterile pre-cut suture, non-needed*

| Stärke / gauge USP metric | | Länge / length (m) | Farbe / colour | Best.-Nr. / code no. | Packungsinhalt / box content (Stück / pieces) |
|-----------------------------------|-----|-----------------------|----------------|-------------------------|---|
| 3-0 | 2 | 5 x 0,35 | grün / green | W453 | 24 |
| 2-0 | 3 | 5 x 0,35 | grün / green | W553 | 24 |
| 0 | 3.5 | 5 x 0,35 | grün / green | W653 | 24 |
| 4-0 | 1.5 | 3 x 0,50 | grün / green | W335 | 24 |
| 3-0 | 2 | 3 x 0,50 | grün / green | W435 | 24 |
| 2-0 | 3 | 3 x 0,50 | grün / green | W535 | 24 |
| 0 | 3.5 | 3 x 0,50 | grün / green | W635 | 24 |
| 1 | 4 | 3 x 0,50 | grün / green | W735 | 24 |
| 2 | 5 | 3 x 0,50 | grün / green | W835 | 24 |
| 4-0 | 1.5 | 5 x 0,50 | grün / green | W355 | 24 |
| 3-0 | 2 | 5 x 0,50 | grün / green | W455 | 24 |
| 2-0 | 3 | 5 x 0,50 | grün / green | W555 | 24 |
| 0 | 3.5 | 5 x 0,50 | grün / green | W655 | 24 |
| 1 | 4 | 5 x 0,50 | grün / green | W755 | 24 |
| 2 | 5 | 5 x 0,50 | grün / green | W855 | 24 |
| 4-0 | 1.5 | 6 x 0,50 | grün / green | SW355 | 24 |
| 3-0 | 2 | 6 x 0,50 | grün / green | SW455 | 24 |
| 2-0 | 3 | 6 x 0,50 | grün / green | SW555 | 24 |
| 0 | 3.5 | 6 x 0,50 | grün / green | SW655 | 24 |
| 1 | 4 | 6 x 0,50 | grün / green | SW755 | 24 |
| 2 | 5 | 6 x 0,50 | grün / green | SW855 | 24 |
| 4-0 | 1.5 | 10 x 0,50 | grün / green | W3105 | 24 |
| 3-0 | 2 | 10 x 0,50 | grün / green | W4105 | 24 |
| 2-0 | 3 | 10 x 0,50 | grün / green | W5105 | 24 |
| 2-0 | 3 | 12 x 0,50 | grün / green | SW5105 | 24 |
| 0 | 3.5 | 12 x 0,50 | grün / green | SW6105 | 24 |
| 1 | 4 | 12 x 0,50 | grün / green | SW7105 | 24 |
| 3-0 | 2 | 17 x 0,50 | grün / green | W4175 | 24 |

SUPOLENE

Einzelfadenpackungen, steril in vorgeschnittenen Längen / *Sterile pre-cut suture, non-needed*

| Stärke / USP | gauge metric | Länge / <i>length</i> (m) | Farbe / <i>colour</i> | Best.-Nr. / code no. | Packungsinhalt / <i>box content</i> (Stück / <i>pieces</i>) |
|-----------------|-----------------|------------------------------|-----------------------|-------------------------|--|
| 2-0 | 3 | 2 x 0,75 | grün / <i>green</i> | W520 | 24 |
| 0 | 3.5 | 2 x 0,75 | grün / <i>green</i> | W620 | 24 |
| 1 | 4 | 2 x 0,75 | grün / <i>green</i> | W720 | 24 |
| 2 | 5 | 2 x 0,75 | grün / <i>green</i> | W820 | 24 |
| 3 | 6 | 2 x 0,75 | grün / <i>green</i> | W920 | 24 |
| 1 | 4 | 5 x 0,75 | grün / <i>green</i> | W750 | 24 |
| 2 | 5 | 5 x 0,75 | grün / <i>green</i> | W850 | 24 |
| 3 | 6 | 5 x 0,75 | grün / <i>green</i> | W950 | 24 |