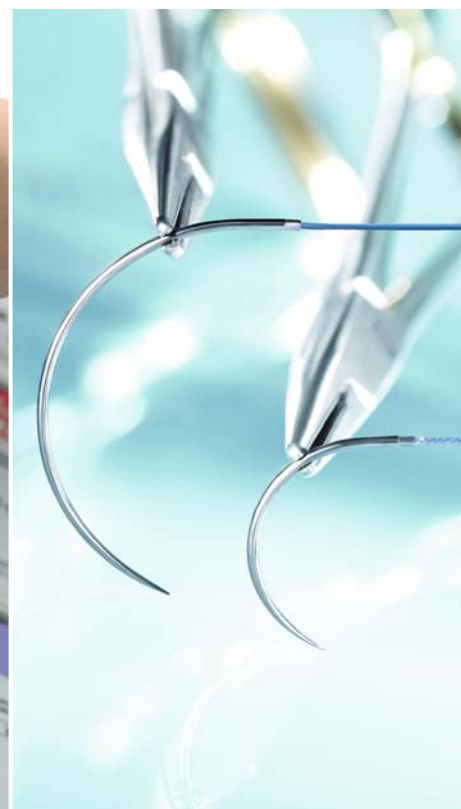


B. Braun Sutures





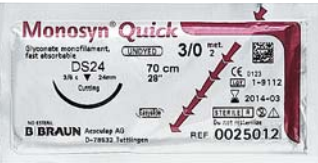

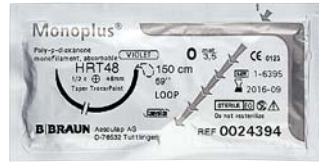

Complete sutures range



Sutures

Complete suture range











Monofilament absorbable suture material

| Monosyn® Quick | Monosyn® | MonoPlus® | MonoMax® |
|---|--|---|--|
|  |  |  |  |
|  |  |  |  |
| Glyconate, short-term absorbable, short-term tensile strength | Glyconate, mid-term absorbable, mid-term tensile strength | Polydioxanone, long-term absorbable, long-term tensile strength | Poly-4 hydroxybutyrate extra long-term absorbable, extra long-term tensile strength |
| Coating: none | Coating: none | Coating: none | Coating: none |
| Structure: monofilament | Structure: monofilament | Structure: monofilament | Structure: monofilament |
| Colour: undyed | Colour: violet, undyed | Colour: violet | Colour: violet |
| metric 0.7 to 4 USP 6/0 to 1 | metric 0.5 to 5 USP 7/0 to 2 | metric 0.5 to 5 USP 7/0 to 2 | metric 3 to 4 USP 2/0 to 1 |
| Tensile strength retention: 1 Day 100 % 5 Days 70-80 % 6-7 Days 50 % 10 Days 20-30 % | Tensile strength retention: 1 Day 100 % 14 Days 50 % 21 Days 20 % | Tensile strength retention: 1 Day 100 % 14 Days 90 % 28 Days (≤ USP 4/0) 50 % 35 Days (≥ USP 3/0) 50 % | Tensile strength retention: 1 Day 100 % 14 Days 100 % 28 Days 90 % 42 Days 70 % 84 Days 60 % 112 Days 40 % 140 Days 25 % |
| Mass Absorption: after 56 days | Mass Absorption: after 60 till 90 days | Mass Absorption: after 180 till 210 days | Mass Absorption: after 13 month |
| Main indications: ■ Plastic surgery ■ Gynaecology & Obstetrics ■ Urology & Paediatrics ■ Odontology & ENT ■ Maxillofacial | Main indications: ■ Gastrointestinal surgery ■ Gynaecology & Obstetrics ■ Urology ■ Skin closure (intracutaneous, subcutaneous) ■ Paediatrics ■ Ligatures ■ Soft tissue closure in all specialties | Main indications: ■ Orthopaedics (tendons, joint capsule) ■ Paediatric cardiovascular surgery ■ General surgery ■ Abdominal wall closure | Main indications: ■ Abdominal wall closure |

Complete suture range







Non-absorbable suture material

| Premilene® | PremiCron® | Dafilon® | Trelon® |
|---|--|--|--|
|  |  |  |  |
|  |  |  |  |
| Polypropylene, non-absorbable | Polyester, non-absorbable | Polyamide 6/6.6 (dyed blue), Polyamide 6.6 (dyed black) or Polyamide 6 (undyed), non-absorbable | Polyamide 6/6, non-absorbable |
| Coating: none | Coating: silicone | Coating: none | Coating: silicone |
| Structure: monofilament | Structure: braided | Structure: monofilament | Structure: braided |
| Colour: blue | Colour: green, white | Colour: blue, undyed, black | Colour: black |
| metric 0.2 to 5 USP 10/0 to 2 | metric 0.7 to 7 USP 6/0 to 5 | metric 0.1 to 5 USP 11/0 to 2 | metric 0.7 to 6 USP 6/0 to 3 |
| Main indications: <ul style="list-style-type: none"> ■ Vascular surgery ■ Cardiac surgery ■ Plastic and reconstructive surgery ■ Skin closure (intracutaneous, subcutaneous) ■ Neurosurgery ■ Microsurgery ■ Gastrointestinal surgery | Main indications: <ul style="list-style-type: none"> ■ Cardiovascular surgery ■ General surgery | Main indications: <ul style="list-style-type: none"> ■ Skin closure (intracutaneous, subcutaneous) ■ Plastic and reconstructive surgery ■ Microsurgery ■ Ophthalmic surgery | Main indications: <ul style="list-style-type: none"> ■ General surgery ■ Neurosurgery ■ Gastrointestinal surgery |

| Supramid | Dagrofil® | Silkam® | Virgin silk | Steelex® |
|---|---|---|---|---|
|  |  |  |  |  |
|  |  |  |  |  |
| Polyamide 6/6.6, non-absorbable | Polyester, non-absorbable | Natural silk, non-absorbable | Natural silk, non-absorbable | Stainless steel, non-absorbable |
| Coating: none | Coating: none | Coating: Pure beeswax or refined paraffin wax | Coating: none | Coating: none or polyethylene* |
| Structure: monofilament, pseudomonofilament | Structure: braided | Structure: braided | Structure: twisted | Structure: monofilament, twisted |
| Colour: black, white | Colour: green, white | Colour: black, white | Colour: blue | Colour: metallic |
| metric 0.7 to 6 USP 6/0 to 3 | metric 0.7 to 8 USP 6/0 to 6 | metric 0.4 to 8 USP 8/0 to 6 | metric 0.2 to 0.4 USP 10/0 to 8/0 | metric 1 to 9 USP 5/0 to 7 |
| | | | | |
| Main indications: <ul style="list-style-type: none"> ■ Skin closure | Main indications: <ul style="list-style-type: none"> ■ General surgery ■ Orthopaedics ■ Ligatures | Main indications: <ul style="list-style-type: none"> ■ General surgery ■ Skin closure ■ Oral surgery ■ Neurosurgery ■ Ligatures | Main indications: <ul style="list-style-type: none"> ■ Ophthalmic surgery | Main indications: <ul style="list-style-type: none"> ■ Sternum Closure ■ as Heart-Electrode-Set (braided, coated) ■ Orthopaedics / Traumatology |

* Steelex® Electrode Set

Multifilament absorbable suture material

| Safil® Quick+ | Safil® | Novosyn® | | | | | | | | | | | | | | | | | | | | |
|--|--|--|--------|------|------------|-----|---|-------|-------|---------|---------|---------|---------|---|-------|-------|---------|------|---------|---------|---------|------|
|  |  |  | | | | | | | | | | | | | | | | | | | | |
|  |  |  | | | | | | | | | | | | | | | | | | | | |
| <p>Polyglycolic acid, short-term absorbable, short-term tensile strength</p> | <p>Polyglycolic acid, mid-term absorbable, mid-term tensile strength</p> | <p>Poly(glycolide-co-l-lactid 90/10), mid-term absorbable, mid-term tensile strength</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Coating: Glyconate</p> | <p>Coating: Glyconate or uncoated*</p> | <p>Coating: Poly(glycolide-co-l-lactid 35/65) and Calciumstearate</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Structure: braided</p> | <p>Structure: braided or monofilament*</p> | <p>Structure: braided</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Colour: undyed</p> | <p>Colour: violet, undyed</p> | <p>Colour: violet, undyed</p> | | | | | | | | | | | | | | | | | | | | |
| <p>metric 0.5 to 5 USP 7/0 to 2</p> | <p>metric 0.2 to 5 USP 10/0 to 2</p> | <p>metric 0.4 to 5 USP 8/0 to 2</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Tensile strength retention:</p> <table border="1" data-bbox="108 1451 408 1563"> <tr> <td>1 Day</td> <td>100 %</td> </tr> <tr> <td>5 Days</td> <td>50 %</td> </tr> <tr> <td>10-14 Days</td> <td>0 %</td> </tr> </table> | 1 Day | 100 % | 5 Days | 50 % | 10-14 Days | 0 % | <p>Tensile strength retention:</p> <table border="1" data-bbox="469 1451 769 1563"> <tr> <td>1 Day</td> <td>100 %</td> </tr> <tr> <td>14 Days</td> <td>60-70 %</td> </tr> <tr> <td>21 Days</td> <td>24-42 %</td> </tr> </table> | 1 Day | 100 % | 14 Days | 60-70 % | 21 Days | 24-42 % | <p>Tensile strength retention:</p> <table border="1" data-bbox="826 1451 1126 1594"> <tr> <td>1 Day</td> <td>100 %</td> </tr> <tr> <td>14 Days</td> <td>75 %</td> </tr> <tr> <td>21 Days</td> <td>40-50 %</td> </tr> <tr> <td>28 Days</td> <td>25 %</td> </tr> </table> | 1 Day | 100 % | 14 Days | 75 % | 21 Days | 40-50 % | 28 Days | 25 % |
| 1 Day | 100 % | | | | | | | | | | | | | | | | | | | | | |
| 5 Days | 50 % | | | | | | | | | | | | | | | | | | | | | |
| 10-14 Days | 0 % | | | | | | | | | | | | | | | | | | | | | |
| 1 Day | 100 % | | | | | | | | | | | | | | | | | | | | | |
| 14 Days | 60-70 % | | | | | | | | | | | | | | | | | | | | | |
| 21 Days | 24-42 % | | | | | | | | | | | | | | | | | | | | | |
| 1 Day | 100 % | | | | | | | | | | | | | | | | | | | | | |
| 14 Days | 75 % | | | | | | | | | | | | | | | | | | | | | |
| 21 Days | 40-50 % | | | | | | | | | | | | | | | | | | | | | |
| 28 Days | 25 % | | | | | | | | | | | | | | | | | | | | | |
| <p>Mass Absorption: after approx. 42 days</p> | <p>Mass Absorption: after 60 till 90 days</p> | <p>Mass Absorption: after 56 till 70 days</p> | | | | | | | | | | | | | | | | | | | | |
| <p>Main indications:</p> <ul style="list-style-type: none"> ■ Gynaecology / Obstetrics (e. g. episiotomies) ■ Urology ■ Ophthalmic surgery (e. g. conjunctiva suturing) ■ Odontology (e. g. oral mucosa) ■ Paediatric surgery ■ Skin closure (intracutaneous, subcutaneous) ■ Ligatures | <p>Main indications:</p> <ul style="list-style-type: none"> ■ Gastrointestinal surgery ■ Gynaecology / Obstetrics ■ Ophthalmic surgery ■ Orthopaedics ■ Urology ■ Skin closure (intracutaneous, subcutaneous) ■ Neurosurgery ■ Ligatures <p>* USP (10/0 and 9/0)</p> | <p>Main indications:</p> <ul style="list-style-type: none"> ■ Gastrointestinal surgery ■ Gynaecology / Obstetrics ■ Orthopaedics ■ Ophthalmic surgery ■ Urology ■ Skin closure (intracutaneous, subcutaneous) ■ Ligatures | | | | | | | | | | | | | | | | | | | | |



B. Braun Surgical SA | Carretera de Terrassa, 121 | 08191 Rubí | Spain
Phone +34 93 5 86 62 00 | Fax +34 93 6 99 63 30 | www.bbraun.es

Aesculap AG | Am Aesculap-Platz | 78532 Tuttlingen | Germany
Phone +49 7461 95-0 | Fax +49 7461 95-26 00 | www.aesculap.com

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