



Standards Overview

| | | | |
|--------------|---|---------------|--|
| CSA | Canadian Standards Association | Canada | |
| cUL | Canadian Underwriters Laboratories | Canada | |
| BV | Bureau Veritas | France | |
| DEF STAN | Defence Standard | Great Britain | |
| DNV | Det Norske Veritas | Norway | |
| E.D.F. | Electricité de France | France | |
| NF F | Norme Française Ferroviaire | France | |
| GL | Germanischer Lloyd | Germany | |
| LUL | London Underground Tested | Great Britain | |
| MIL | Military Specification | USA | |
| SAE - AMS | Society of Automotive Engineers - Aerospace Material Specifications | International | |
| EN IEC 61386 | Standards for Systems of Conduits and Fittings | International | |
| LR | Lloyd's Register | Great Britain | |
| EN | European Normative | Europe | |



Standards Overview

| | | | |
|-----------|---|-----------------|--|
| UL, UL224 | Underwriters Laboratories (Yellow Card) | USA | |
| UR | Underwriters Laboratories Recognized Component | USA | |
| VDE | German Commission for Electrical, Electronic and Information Technologies of DIN and VDE | Germany | |
| VG | Verteidigungsgerätenorm der Bundeswehr | Germany | |
| FIMKO | Suomalainen testaus ja sertifiointiyritys | Finland | |
| DEMKO | Danske Elektriske Materialekontrol | Denmark | |
| NEMKO | Norges Elektriske Materiellkontroll | Norway | |
| SEMKO | Sveriges Elektriska Materielkontroll | Sweden | |
| KEMA KEUR | KEMA Quality B.V | The Netherlands | |
| cULus | Underwriters Laboratories | Canada, USA | |
| CEBEC | Comité Electrotechnique Belge | Belgium | |
| ENEC | European Norms Electrical Certification | Europe | |
| DIN | German Standards Institute | Germany | |
| PAN | Panavia Aircraft GmbH | Germany | |



Standards for HellermannTyton Cable Ties



Please refer to the Approvals Overview for further information, see page 586 and following.

| Type | Length | Width | UL/ UR | GL | BV | DNV | VG 95387 T04 PA66HS-Natural | VG 95387 T04 PA66W-black | VG 95387 T04 PA66-Natural | SAE AS23190 (MIL MS 3367) | DIN EN 50146 |
|---------|--------|-------|----------------|----------------|----------------|----------------|--------------------------------|-----------------------------|------------------------------|------------------------------|-----------------|
| T18S | 83 | 2.3 | ● ¹ | ● ² | | ● ³ | | | A106A | MS 3367-4 ² | ● ⁴ |
| T18R | 100 | 2.5 | ● ¹ | ● ² | ● ² | ● ³ | A201L | A106B | A106A | MS 3367-4 ² | ● ⁴ |
| T18RA | 100 | 2.5 | ● ¹ | | | | | | | MS 3367-4 ² | |
| T18ROS | 100 | 2.5 | | | | | | | | | ● ⁴ |
| T18I | 140 | 2.5 | ● ¹ | | ● ² | ● ³ | | | | | ● ⁴ |
| T18L | 200 | 2.5 | ● ¹ | | ● ² | ● ³ | | | | | ● ⁴ |
| T25L | 240 | 2.8 | ● ¹ | ● ² | ● ² | | | | | | ● ⁴ |
| T25LL | 330 | 2.8 | ● ¹ | ● ² | ● ² | | | | | | ● ⁴ |
| T30R | 150 | 3.5 | ● ¹ | ● ² | ● ² | ● ³ | A208L | A107B | A107A | MS 3367-5 ² | ● ⁴ |
| T30ROS | 145 | 3.4 | | | | | | | | | ● ⁴ |
| T30L | 190 | 3.5 | ● ¹ | ● ² | ● ² | ● ³ | | A107B | A107A | | ● ⁴ |
| T30LOS | 200 | 3.4 | | | | | | | | | ● ⁴ |
| T30LL | 285 | 3.5 | ● ¹ | ● ² | ● ² | ● ³ | | | | | ● ⁴ |
| T30LR | 260 | 3.3 | | | ● ² | | | | | | ● ⁴ |
| T40S | 145 | 3.5 | | | | | | | | | ● ⁴ |
| T40R | 175 | 4.0 | ● ¹ | ● ² | ● ² | | | | | | ● ⁴ |
| T40I | 290 | 4.0 | ● ¹ | | | | | | | | ● ⁴ |
| T40L | 365 | 4.0 | ● ¹ | | | | | | | | ● ⁴ |
| T50S | 150 | 4.6 | ● ¹ | ● ² | ● ² | ● ³ | | | | | ● ⁴ |
| T50SOS | 150 | 4.6 | | | | | | | | | ● ⁴ |
| T50R | 200 | 4.6 | ● ¹ | ● ² | ● ² | ● ³ | A202L | A108B | A108A | MS 3367-1 ² | ● ⁴ |
| T50ROS | 200 | 4.6 | | | | | | | | | ● ⁴ |
| T50RDH | 200 | 4.6 | ● ¹ | | ● ² | | | | | | |
| T50MOS | 245 | 4.6 | | | | | | | | | ● ⁴ |
| T50I | 300 | 4.6 | ● ¹ | ● ² | ● ² | ● ³ | A203L | A109B | A109A | MS 3367-7 ² | ● ⁴ |
| T50IDH | 300 | 4.6 | ● ¹ | | | | | | | | |
| T50L | 390 | 4.6 | ● ¹ | ● ² | ● ² | ● ³ | A205L | A110B | A110A | MS 3367-2 ² | ● ⁴ |
| T50LOS | 384 | 4.6 | | | | | | | | | ● ⁴ |
| T50LDH | 390 | 4.6 | ● ¹ | | | | | | | | |
| T50LL | 445 | 4.6 | | | ● ² | ● ³ | | | | | ● ⁴ |
| T80R | 210 | 4.7 | ● ¹ | ● ² | ● ² | | A202L | | | | ● ⁴ |
| T80I | 300 | 4.7 | ● ¹ | ● ² | ● ² | | | | | | |
| T80L | 390 | 4.7 | ● ¹ | ● ² | ● ² | | A205L | | | | |
| T120S | 225 | 7.6 | ● ¹ | ● ² | ● ² | ● ³ | | | | | ● ⁴ |
| T120I | 300 | 7.6 | ● ¹ | | ● ² | | | | | | ● ⁴ |
| T120R | 380 | 7.6 | ● ¹ | ● ² | ● ² | ● ³ | | A111B | A111A | MS 3367-3 ² | ● ⁴ |
| T120M | 460 | 7.6 | | ● ² | ● ² | ● ³ | | | | | ● ⁴ |
| T120XM | 600 | 7.6 | | | ● ² | | | | | | ● ⁴ |
| T120L | 760 | 7.6 | ● ¹ | | ● ² | ● ³ | | A112B | A112A | MS 3367-6 ² | ● ⁴ |
| T150R | 365 | 7.6 | ● ¹ | ● ² | ● ² | | A204L | | | | ● ⁴ |
| T150M | 530 | 8.9 | ● ¹ | ● ² | ● ² | | | | | | ● ⁴ |
| T150L | 820 | 8.9 | ● ¹ | ● ² | ● ² | | | | | | ● ⁴ |
| T150LL | 925 | 8.9 | ● ¹ | | ● ² | | | | | | ● ⁴ |
| T150XL | 1095 | 8.9 | ● ¹ | | ● ² | | | | | | ● ⁴ |
| T150XLL | 1325 | 8.9 | ● ¹ | | ● ² | | | | | | ● ⁴ |
| T250S | 225 | 12.5 | ● ¹ | | ● ² | | | | | | |
| T250R | 520 | 12.5 | ● ¹ | | ● ² | | | | | | |
| T250M | 565 | 12.5 | ● ¹ | | ● ² | | | | | | |
| T250I | 725 | 12.5 | ● ¹ | | ● ² | | | | | | |
| T250L | 880 | 12.5 | ● ¹ | | ● ² | | | | | | |
| T250XL | 1030 | 12.5 | ● ¹ | | | | | | | | |
| T255S | 225 | 12.5 | ● ¹ | | | | | | | | |
| T255R | 520 | 12.5 | ● ¹ | | | | | | | | |
| T255M | 565 | 12.5 | ● ¹ | | | | | | | | |
| LK2 | 120 | 4.8 | | ● ² | ● ² | | | | | | |
| LK2A | 270 | 4.6 | ● ¹ | ● ² | ● ² | ● ³ | | | | | |
| LK5 | 535 | 13.2 | ● ¹ | ● ² | | | | | | | |



| Type | Length | Width | UL/ UR | GL | BV | VG 95387 T04 PA66W-Black | VG 95387 T04 PA66-Natural | E.D.F. |
|---------|--------|-------|----------------|----------------|----------------|-----------------------------|------------------------------|---------------|
| PE180 | 180 | 9.0 | | ● ² | ● ² | | | HN-33-S-62/97 |
| RPE275 | 275 | 9.0 | | | | | | HN-33-S-62/97 |
| RPE350 | 350 | 9.0 | | | | | | HN-33-S-62/97 |
| PE530 | 535 | 9.0 | | | ● ² | | | HN-33-S-62/97 |
| LPH175 | 175 | 9.0 | | | ● ² | | | |
| LPH275 | 100 | 2.5 | | | ● ² | | | |
| LPH350 | 100 | 2.5 | | | ● ² | | | |
| CTT20R | 100 | 2.5 | ● ¹ | | | | | |
| CTT60R | 205 | 4.7 | ● ¹ | | | | | |
| LRT230 | 230 | 7.6 | | | ● ³ | | | |
| RLT120 | 340 | 7.6 | | ● ² | ● ² | | | |
| RLT150 | 770 | 8.9 | | ● ² | ● ² | | | |
| REL100 | 100 | 6.5 | ● ¹ | | | | | |
| REL140 | 140 | 7.5 | ● ¹ | | | | | |
| REL250 | 250 | 7.5 | ● ¹ | | | | | |
| RT40R | 217 | 3.9 | ● ¹ | | | | | |
| RELK2R | 200 | 4.6 | | | ● ² | | | |
| RELK2M | 250 | 4.6 | | | ● ² | | | |
| RELK2I | 300 | 4.6 | | | ● ² | | | |
| RELK2L | 350 | 4.6 | | | ● ² | | | |
| RT50R | 140 | 8.6 | ● ¹ | | | | | |
| RT50S | 165 | 4.6 | ● ¹ | | | | | |
| RT250S | 230 | 12.5 | ● ¹ | | ● ² | | | |
| RT250R | 516 | 12.5 | ● ¹ | | ● ² | | | |
| RT250M | 570 | 12.5 | ● ¹ | | ● ² | | | |
| RT250I | 729 | 12.5 | ● ¹ | | | | | |
| RT250L | 878 | 12.5 | ● ¹ | | | | | |
| RT250XL | 1025 | 12.5 | ● ¹ | | | | | |
| T18MR | 110 | 2.3 | ● ¹ | | | B001B | B001A | |
| IT18R | 102 | 2.3 | ● ¹ | | | | | |
| IT18FL | 111 | 2.3 | ● ¹ | | | | | |
| T30MR | 160 | 3.5 | ● ¹ | | | B002B | B002A | |
| T30RSF | 165 | 3.5 | ● ¹ | | | | | |
| IT50RT | 203 | 4.7 | ● ¹ | | | | | |
| IT50L | 381 | 4.7 | ● ¹ | | | | | |
| T50ML | 400 | 4.6 | ● ¹ | | | | | |
| T50MR | 215 | 4.6 | ● ¹ | | | B004B | B004A | |
| T50MS | 160 | 4.6 | ● ¹ | | | | | |
| IT50R | 203 | 4.7 | ● ¹ | | | | | |
| T50RSF | 216 | 4.6 | ● ¹ | | | | | |
| T120MR | 400 | 7.6 | ● ¹ | | | B005B | B005A | |
| KR6/18 | 180 | 6.0 | | ● ² | | | | |
| KR6/35 | 350 | 6.0 | | ● ² | | | | |
| KR8/21 | 210 | 8.0 | | ● ² | | | | |
| KR8/33 | 330 | 8.0 | | ● ² | | | | |

¹ Polyamide 6.6 (PA66), Polyamid 6.6 UV Resistant (W) black

² Polyamide 6.6 (PA66) natural, Polyamid 6.6 UV Resistant (W) black

³ Polyamide 6.6 (PA66) natural, Polyamide 6.6 Heat stabilised (HS) natural, Polyamide 6.6 UV Resistant (W) black

⁴ Polyamide 6.6 (PA66), Polyamid 6.6 Heat stabilised (HS) all colours and Polyamide UV Resistant (W)

Subject to changes



| Type | Length | Width | GL | BV | DNV | DEF STAN |
|----------------------------|--------|-------|----------------|----------------|----------------|----------|
| MAT8SS7 | 230 | 7.0 | ● ⁷ | ● ⁷ | | |
| MAT12SS7 | 330 | 7.0 | ● ⁷ | ● ⁷ | | |
| MAT16SS7 | 430 | 7.0 | ● ⁷ | ● ⁷ | | |
| MAT24SS7 | 630 | 7.0 | ● ⁷ | ● ⁷ | | |
| MAT8SS12 | 230 | 12.0 | ● ⁷ | ● ⁷ | | |
| MAT12SS12 | 330 | 12.0 | ● ⁷ | ● ⁷ | | |
| MAT16SS12 | 430 | 12.0 | ● ⁷ | ● ⁷ | | |
| MAT24SS12 | 630 | 12.0 | ● ⁷ | ● ⁷ | | |
| MAT8SSC7 | 230 | 7.0 | ● ⁶ | | | |
| MAT12SSC7 | 330 | 7.0 | ● ⁶ | | | |
| MAT16SSC7 | 430 | 7.0 | ● ⁶ | | | |
| MAT24SSC7 | 630 | 7.0 | ● ⁶ | | | |
| MAT8SSC12 | 230 | 12.0 | ● ⁶ | | | |
| MAT12SSC12 | 330 | 12.0 | ● ⁶ | | | |
| MAT16SSC12 | 430 | 12.0 | ● ⁶ | | | |
| MAT24SSC12 | 630 | 12.0 | ● ⁶ | | | |
| MBT5S | 127 | 4.6 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT8S | 201 | 4.6 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT14S | 362 | 4.6 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT20S | 521 | 4.6 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT27S | 681 | 4.6 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT33S | 838 | 4.6 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT8H | 201 | 7.9 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT14H | 362 | 7.9 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT20H | 521 | 7.9 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT27H | 681 | 7.9 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT33H | 838 | 7.9 | ● ⁷ | ● ⁷ | ● ⁷ | |
| MBT14XH | 362 | 12.3 | ● ⁷ | ● ⁷ | | |
| MBT20XH | 521 | 12.3 | ● ⁷ | ● ⁷ | | |
| MBT27XH | 681 | 12.3 | ● ⁷ | ● ⁷ | | |
| MBT33XH | 838 | 12.3 | ● ⁷ | ● ⁷ | | |
| MLT8SS5 | 230 | 5.0 | | ● ⁷ | | |
| MLT12SS5 | 330 | 5.0 | | ● ⁷ | | |
| MLT16SS5 | 430 | 5.0 | | ● ⁷ | | |
| MLT24SS5 | 630 | 5.0 | | ● ⁷ | | |
| MLT8SS10 | 230 | 10.0 | | ● ⁷ | | |
| MLT12SS10 | 330 | 10.0 | | ● ⁷ | | |
| MLT16SS10 | 430 | 10.0 | | ● ⁷ | | |
| MLT24SS10 | 630 | 10.0 | | ● ⁷ | | |
| Protective Channel LFPC70 | – | 7.0 | | | | 61-12/31 |
| Protective Channel LFPC103 | – | 10.3 | | | | 61-12/31 |
| Protective Channel LFPC150 | – | 15.0 | | | | 61-12/31 |

⁶ Stainless Steel Type 316 coated

⁷ Stainless Steel Type 316 uncoated

Subject to changes

Standards for HellermannTyton Fixing Bases

| Type | Length | Width | UL/UR |
|-----------------------------------|--------|-------|-------|
| Mounting Bases MB1 | 12.5 | 8.0 | ● |
| Mounting Bases MB3 | 19.0 | 19.0 | ● |
| Mounting Bases MB4 | 28.0 | 28.0 | ● |
| Mounting Bases MB5 | 38.0 | 38.0 | ● |
| Self Adhesive Mounting Bases MB3A | 19.0 | 19.0 | ● |
| Self Adhesive Mounting Bases MB4A | 28.0 | 28.0 | ● |
| Self Adhesive Mounting Bases MB5A | 38.0 | 38.0 | ● |
| Mounting Base CTAM1 | 20.5 | 10.2 | ● |
| Mounting Base CTAM2 | 20.5 | 10.2 | ● |
| Mounting Base CTAP2 | 34.0 | 12.7 | ● |
| Mounting Base CTAP2 | 54.1 | 12.7 | ● |
| Mounting Plate MSMP5 | 204.0 | 15.7 | ● |
| Mounting Plate MSMP6 | 242.0 | 15.7 | ● |
| Mounting Cradle TM1SF | 10.2 | 7.6 | ● |



Please refer to the Approvals Overview for further information, see page 586 and following.

Standards for HellermannTyton Heat Shrinkable Tubing

| Type | UL224 AFT | UL224 VW1 | CSA | DNV | Ex. MIL/SAE - AMS | VG 95343 T05 | DEF STAN | LUL | NF F 00-608 | NSA |
|-----------------------------|-----------|-----------|-----|-----|-------------------|--------------|----------|----------|-------------|-----|
| TF21 | | ● | ● | | | | | | ● | |
| TF31 | | ● | ● | | | | | | | |
| TF24 | | | | | DTL-23053/5 | ● | | | | |
| LVR | ● | | | | | | | | | |
| HFT-A | ● | | ● | ● | DTL-23053/5 | ● | 59-97/3 | | ● | ● |
| TCN20 | ● | | | | | | | | | |
| PST-H | | | | | | ● | 59-97/3 | | ● | |
| PST-HT | | | | | | ● | 59-97/3 | | | |
| Viton-E | | | | | | ● | | | | |
| EPS-400 | | | | | DTL-23053/4 | | | | | |
| EPS-300 | | | | | DTL-23053/4 | | | | | |
| TK20 | | ● | | | DTL-23053/8 | ● | | | | |
| TFE2 | | | | | | | | | | |
| TFE4 | | | | | | | | | | |
| TA32 | ● | | ● | | | | | | | |
| TA42 | ● | | ● | | | | | | | |
| TR27 | | | | | | | 59-97/3 | E1042:A6 | | |
| TREDUX thin wall | | ● | | | DTL-23053/5 | | | | | |
| HIS-3 BAG | | ● | | | DTL-23053/5 | | | | | |
| HIS-3 | | ● | | | DTL-23053/5 | | | | | |
| HIS-A - with adhesive liner | | ● | | | DTL-23053/5 | | | | | |
| HIS-PACK | | ● | | | | | | | | |

Standards for HellermannTyton Non Shrinkable Tubing

| Type | DEF STAN | BS |
|------------------------|-------------|-----------|
| Helsyn rubber tubing H | 59-15/3 D2c | G 198-1-1 |
| PTFE tubing FE | 59-15/3 D6 | G 198-2-7 |

HellermannTyton UL-File Nr.:

E 14 35 29

E 19 80 23

E 19 80 24

E 20 40 71

Standards for HellermannTyton Heat Shrinkable Moulded Shapes

| Type | MIL | VG 95343 | DEF STAN |
|-------------------------------|-------------|----------|----------|
| Shapes XXXX-G | | ● | 59-97/3 |
| Shapes XXXX-B7 | MIL-I-81765 | | 59-97/3 |
| Shapes XXXX-HW21 | | ● | 59-97/3 |
| Shapes XXXX-GW24 | | ● | 59-97/3 |
| Two-Part Epoxy Adhesive V9500 | | ● | |



Standards for HellermannTyton Heat Shrinkable Moulded Shapes and Heat Shrinkable Moulded Shapes according to VG Norm

| Description VG-Norm | Description HellermannTyton |
|---------------------|-----------------------------|
| VG 95343 T05 A 001A | HFT-A-3/64-BK |
| VG 95343 T05 A 001B | HFT-A-3/64-BN |
| VG 95343 T05 A 001C | HFT-A-3/64-RD |
| VG 95343 T05 A 001E | HFT-A-3/64-YE |
| VG 95343 T05 A 001F | HFT-A-3/64-GN |
| VG 95343 T05 A 001G | HFT-A-3/64-BU |
| VG 95343 T05 A 001H | HFT-A-3/64-VT |
| VG 95343 T05 A 001K | HFT-A-3/64-GY |
| VG 95343 T05 A 001L | HFT-A-3/64-WH |
| VG 95343 T05 A 002A | HFT-A-1/16-BK |
| VG 95343 T05 A 002B | HFT-A-1/16-BN |
| VG 95343 T05 A 002C | HFT-A-1/16-RD |
| VG 95343 T05 A 002E | HFT-A-1/16-YE |
| VG 95343 T05 A 002F | HFT-A-1/16-GN |
| VG 95343 T05 A 002G | HFT-A-1/16-BU |
| VG 95343 T05 A 002H | HFT-A-1/16-VT |
| VG 95343 T05 A 002K | HFT-A-1/16-GY |
| VG 95343 T05 A 002L | HFT-A-1/16-WH |
| VG 95343 T05 A 003A | HFT-A-3/32-BK |
| VG 95343 T05 A 003B | HFT-A-3/32-BN |
| VG 95343 T05 A 003C | HFT-A-3/32-RD |
| VG 95343 T05 A 003E | HFT-A-3/32-YE |
| VG 95343 T05 A 003F | HFT-A-3/32-GN |
| VG 95343 T05 A 003G | HFT-A-3/32-BU |
| VG 95343 T05 A 003H | HFT-A-3/32-VT |
| VG 95343 T05 A 003K | HFT-A-3/32-GY |
| VG 95343 T05 A 003L | HFT-A-3/32-WH |
| VG 95343 T05 A 004A | HFT-A-1/8-BK |
| VG 95343 T05 A 004B | HFT-A-1/8-BN |
| VG 95343 T05 A 004C | HFT-A-1/8-RD |
| VG 95343 T05 A 004E | HFT-A-1/8-YE |
| VG 95343 T05 A 004F | HFT-A-1/8-GN |
| VG 95343 T05 A 004G | HFT-A-1/8-BU |
| VG 95343 T05 A 004H | HFT-A-1/8-VT |
| VG 95343 T05 A 004K | HFT-A-1/8-GY |
| VG 95343 T05 A 004L | HFT-A-1/8-WH |
| VG 95343 T05 A 004N | HFT-A-1/8-GNYE |
| VG 95343 T05 A 005A | HFT-A-3/16-BK |
| VG 95343 T05 A 005B | HFT-A-3/16-BN |
| VG 95343 T05 A 005C | HFT-A-3/16-RD |
| VG 95343 T05 A 005E | HFT-A-3/16-YE |
| VG 95343 T05 A 005F | HFT-A-3/16-GN |
| VG 95343 T05 A 005G | HFT-A-3/16-BU |
| VG 95343 T05 A 005H | HFT-A-3/16-VT |
| VG 95343 T05 A 005K | HFT-A-3/16-GY |
| VG 95343 T05 A 005L | HFT-A-3/16-WH |
| VG 95343 T05 A 005N | HFT-A-3/16-GNYE |
| VG 95343 T05 A 006A | HFT-A-1/4-BK |
| VG 95343 T05 A 006B | HFT-A-1/4-BN |
| VG 95343 T05 A 006C | HFT-A-1/4-RD |
| VG 95343 T05 A 006E | HFT-A-1/4-YE |
| VG 95343 T05 A 006F | HFT-A-1/4-GN |
| VG 95343 T05 A 006G | HFT-A-1/4-BU |
| VG 95343 T05 A 006H | HFT-A-1/4-VT |
| VG 95343 T05 A 006K | HFT-A-1/4-GY |
| VG 95343 T05 A 006L | HFT-A-1/4-WH |
| VG 95343 T05 A 006N | HFT-A-1/4-GNYE |
| VG 95343 T05 A 007A | HFT-A-3/8-BK |
| VG 95343 T05 A 007B | HFT-A-3/8-BN |
| VG 95343 T05 A 007C | HFT-A-3/8-RD |
| VG 95343 T05 A 007E | HFT-A-3/8-YE |
| VG 95343 T05 A 007F | HFT-A-3/8-GN |
| VG 95343 T05 A 007G | HFT-A-3/8-BU |

| Description VG-Norm | Description HellermannTyton |
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| VG 95343 T05 A 007H | HFT-A-3/8-VT |
| VG 95343 T05 A 007K | HFT-A-3/8-GY |
| VG 95343 T05 A 007L | HFT-A-3/8-WH |
| VG 95343 T05 A 007N | HFT-A-3/8-GNYE |
| VG 95343 T05 A 008A | HFT-A-1/2-BK |
| VG 95343 T05 A 008B | HFT-A-1/2-BN |
| VG 95343 T05 A 008C | HFT-A-1/2-RD |
| VG 95343 T05 A 008E | HFT-A-1/2-YE |
| VG 95343 T05 A 008F | HFT-A-1/2-GN |
| VG 95343 T05 A 008G | HFT-A-1/2-BU |
| VG 95343 T05 A 008H | HFT-A-1/2-VT |
| VG 95343 T05 A 008K | HFT-A-1/2-GY |
| VG 95343 T05 A 008L | HFT-A-1/2-WH |
| VG 95343 T05 A 008N | HFT-A-1/2-GNYE |
| VG 95343 T05 A 009A | HFT-A-3/4-BK |
| VG 95343 T05 A 009B | HFT-A-3/4-BN |
| VG 95343 T05 A 009C | HFT-A-3/4-RD |
| VG 95343 T05 A 009E | HFT-A-3/4-YE |
| VG 95343 T05 A 009F | HFT-A-3/4-GN |
| VG 95343 T05 A 009G | HFT-A-3/4-BU |
| VG 95343 T05 A 009H | HFT-A-3/4-VT |
| VG 95343 T05 A 009K | HFT-A-3/4-GY |
| VG 95343 T05 A 009L | HFT-A-3/4-WH |
| VG 95343 T05 A 009N | HFT-A-3/4-GNYE |
| VG 95343 T05 A 010A | HFT-A-1-BK |
| VG 95343 T05 A 010B | HFT-A-1-BN |
| VG 95343 T05 A 010C | HFT-A-1-RD |
| VG 95343 T05 A 010E | HFT-A-1-YE |
| VG 95343 T05 A 010F | HFT-A-1-GN |
| VG 95343 T05 A 010G | HFT-A-1-BU |
| VG 95343 T05 A 010H | HFT-A-1-VT |
| VG 95343 T05 A 010K | HFT-A-1-GY |
| VG 95343 T05 A 010L | HFT-A-1-WH |
| VG 95343 T05 A 010N | HFT-A-1-GNYE |
| VG 95343 T05 A 011A | HFT-A-1.1/2-BK |
| VG 95343 T05 A 011B | HFT-A-1.1/2-BN |
| VG 95343 T05 A 011C | HFT-A-1.1/2-RD |
| VG 95343 T05 A 011E | HFT-A-1.1/2-YE |
| VG 95343 T05 A 011F | HFT-A-1.1/2-GN |
| VG 95343 T05 A 011G | HFT-A-1.1/2-BU |
| VG 95343 T05 A 011H | HFT-A-1.1/2-VT |
| VG 95343 T05 A 011K | HFT-A-1.1/2-GY |
| VG 95343 T05 A 011L | HFT-A-1.1/2-WH |
| VG 95343 T05 A 011N | HFT-A-1.1/2-GNYE |
| VG 95343 T05 A 012A | HFT-A-2-BK |
| VG 95343 T05 A 012B | HFT-A-2-BN |
| VG 95343 T05 A 012C | HFT-A-2-RD |
| VG 95343 T05 A 012E | HFT-A-2-YE |
| VG 95343 T05 A 012F | HFT-A-2-GN |
| VG 95343 T05 A 012G | HFT-A-2-BU |
| VG 95343 T05 A 012H | HFT-A-2-VT |
| VG 95343 T05 A 012K | HFT-A-2-GY |
| VG 95343 T05 A 012L | HFT-A-2-WH |
| VG 95343 T05 A 013A | HFT-A-3-BK |
| VG 95343 T05 A 013B | HFT-A-3-BN |
| VG 95343 T05 A 013C | HFT-A-3-RD |
| VG 95343 T05 A 013E | HFT-A-3-YE |
| VG 95343 T05 A 013F | HFT-A-3-GN |
| VG 95343 T05 A 013G | HFT-A-3-BU |
| VG 95343 T05 A 013H | HFT-A-3-VT |
| VG 95343 T05 A 013K | HFT-A-3-GY |
| VG 95343 T05 A 013L | HFT-A-3-WH |
| VG 95343 T05 A 014A | HFT-A-4-BK |


| Description VG-Norm | Description HellermannTyton |
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| VG 95343 T05 A 014B | HFT-A-4-BN |
| VG 95343 T05 A 014C | HFT-A-4-RD |
| VG 95343 T05 A 014E | HFT-A-4-YE |
| VG 95343 T05 A 014F | HFT-A-4-GN |
| VG 95343 T05 A 014G | HFT-A-4-BU |
| VG 95343 T05 A 014H | HFT-A-4-VT |
| VG 95343 T05 A 014K | HFT-A-4-GY |
| VG 95343 T05 A 014L | HFT-A-4-WH |
| VG 95343 T05 A 019A | HFT-333-1.5/0.5-BK |
| VG 95343 T05 A 019C | HFT-333-1.5/0.5-RD |
| VG 95343 T05 A 019E | HFT-333-1.5/0.5-YE |
| VG 95343 T05 A 019G | HFT-333-1.5/0.5-BU |
| VG 95343 T05 A 019L | HFT-333-1.5/0.5-WH |
| VG 95343 T05 A 020A | HFT-333-3/1-BK |
| VG 95343 T05 A 020C | HFT-333-3/1-RD |
| VG 95343 T05 A 020E | HFT-333-3/1-YE |
| VG 95343 T05 A 020G | HFT-333-3/1-BU |
| VG 95343 T05 A 020L | HFT-333-3/1-WH |
| VG 95343 T05 A 021A | HFT-333-6/2-BK |
| VG 95343 T05 A 021C | HFT-333-6/2-RD |
| VG 95343 T05 A 021E | HFT-333-6/2-YE |
| VG 95343 T05 A 021G | HFT-333-6/2-BU |
| VG 95343 T05 A 021L | HFT-333-6/2-WH |
| VG 95343 T05 A 022A | HFT-333-9/3-BK |
| VG 95343 T05 A 022C | HFT-333-9/3-RD |
| VG 95343 T05 A 022E | HFT-333-9/3-YE |
| VG 95343 T05 A 022G | HFT-333-9/3-BU |
| VG 95343 T05 A 022L | HFT-333-9/3-WH |
| VG 95343 T05 A 023A | HFT-333-12/4-BK |
| VG 95343 T05 A 023C | HFT-333-12/4-RD |
| VG 95343 T05 A 023E | HFT-333-12/4-YE |
| VG 95343 T05 A 023G | HFT-333-12/4-BU |
| VG 95343 T05 A 023L | HFT-333-12/4-WH |
| VG 95343 T05 A 024A | HFT-333-18/6-BK |
| VG 95343 T05 A 024C | HFT-333-18/6-RD |
| VG 95343 T05 A 024L | HFT-333-18/6-YE |
| VG 95343 T05 A 024G | HFT-333-18/6-BU |
| VG 95343 T05 A 024L | HFT-333-18/6-WH |
| VG 95343 T05 A 025A | HFT-333-24/8-BK |
| VG 95343 T05 A 025C | HFT-333-24/8-RD |
| VG 95343 T05 A 025E | HFT-333-24/8-YE |
| VG 95343 T05 A 025G | HFT-333-24/8-BU |
| VG 95343 T05 A 025L | HFT-333-24/8-WH |
| VG 95343 T05 A 026A | HFT-333-39/13-BK |
| VG 95343 T05 A 026C | HFT-333-39/13-RD |
| VG 95343 T05 A 026E | HFT-333-39/13-YE |
| VG 95343 T05 A 026G | HFT-333-39/13-BU |
| VG 95343 T05 A 026L | HFT-333-39/13-WH |
| VG 95343 T05 B 001M | TF24-1.2/0.6 |
| VG 95343 T05 B 002M | TF24-1.6/0.8 |
| VG 95343 T05 B 003M | TF24-2.4/1.2 |
| VG 95343 T05 B 004M | TF24-3.2/1.6 |
| VG 95343 T05 B 005M | TF24-4.8/2.4 |
| VG 95343 T05 B 006M | TF24-6.4/3.2 |
| VG 95343 T05 B 007M | TF24-9.5/4.8 |
| VG 95343 T05 B 008M | TF24-12.7/6.4 |
| VG 95343 T05 B 009M | TF24-19.1/9.5 |
| VG 95343 T05 B 010M | TF24-25.4/12.7 |
| VG 95343 T05 B 011M | TF24-38.1/19.1 |
| VG 95343 T05 B 012M | TF24-50.8/25.4 |
| VG 95343 T05 B 013M | TF24-76.2/38.1 |
| VG 95343 T05 B 014M | TF24-101.6/50.8 |
| VG 95343 T05 D 001A | PST-H-1/8-BK |



| Description VG-Norm | Description HellermannTyton |
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| VG 95343 T05 D 002A | PST-H-3/16-BK |
| VG 95343 T05 D 003A | PST-H-1/4-BK |
| VG 95343 T05 D 004A | PST-H-3/8-BK |
| VG 95343 T05 D 005A | PST-H-1/2-BK |
| VG 95343 T05 D 006A | PST-H-3/4-BK |
| VG 95343 T05 D 007A | PST-H-1-BK |
| VG 95343 T05 D 008A | PST-H-1.1/2-BK |
| VG 95343 T05 D 009A | PST-H-2-BK |
| VG 95343 T05 D 010A | PST-H-3-BK |
| VG 95343 T05 D 011A | PST-H-4-BK |
| VG 95343 T05 D 012A | PST-HT-3/32-BK |
| VG 95343 T05 D 013A | PST-HT-1/8-BK |
| VG 95343 T05 D 014A | PST-HT-3/16-BK |
| VG 95343 T05 D 015A | PST-HT-1/4-BK |
| VG 95343 T05 D 016A | PST-HT-3/8-BK |
| VG 95343 T05 D 017A | PST-HT-1/2-BK |
| VG 95343 T05 D 018A | PST-HT-3/4-BK |
| VG 95343 T05 D 019A | PST-HT-1-BK |
| VG 95343 T05 D 020A | PST-HT-1.1/2-BK |
| VG 95343 T05 D 021A | PST-HT-1.1/4-BK |
| VG 95343 T05 D 022A | PST-HT-2-BK |
| VG 95343 T05 E 001A | VITON-E-1/8-BK |
| VG 95343 T05 E 002A | VITON-E-3/16-BK |
| VG 95343 T05 E 003A | VITON-E-1/4-BK |
| VG 95343 T05 E 004A | VITON-E-3/8-BK |
| VG 95343 T05 E 005A | VITON-E-1/2-BK |
| VG 95343 T05 E 006A | VITON-E-3/4-BK |
| VG 95343 T05 E 007A | VITON-E-1-BK |
| VG 95343 T05 E 008A | VITON-E-1.1/2-BK |
| VG 95343 T05 E 009A | VITON-E-2-BK |
| VG 95343 T05 F 002M | TK20-1.6/0.8 |
| VG 95343 T05 F 003M | TK20-2.4/1.2 |
| VG 95343 T05 F 004M | TK20-3.2/1.6 |
| VG 95343 T05 F 005M | TK20-4.8/2.4 |
| VG 95343 T05 F 006M | TK20-6.4/3.2 |
| VG 95343 T05 F 007M | TK20-9.5/4.8 |
| VG 95343 T05 F 008M | TK20-12.7/6.4 |
| VG 95343 T05 F 009M | TK20-19.1/9.5 |
| VG 95343 T05 F 010M | TK20-25.4/12.7 |
| VG 95343 T06 A 001 A | 152-41-G |
| VG 95343 T06 A 002 A | 153-41-G |
| VG 95343 T06 A 003 A | 154-41-G |
| VG 95343 T06 A 004 A | 155-41-G |
| VG 95343 T06 A 005 A | 156-41-G |
| VG 95343 T06 A 006 A | 157-41-G |
| VG 95343 T06 A 007 A | 158-41-G |
| VG 95343 T06 A 008 A | 159-41-G |
| VG 95343 T06 A 009 A | 160-41-G |
| VG 95343 T06 A 010 A | 199-4-G |
| VG 95343 T06 B 001 A | 152-42-G |
| VG 95343 T06 B 002 A | 153-42-G |
| VG 95343 T06 B 003 A | 154-42-G |
| VG 95343 T06 B 004 A | 155-42-G |
| VG 95343 T06 B 005 A | 156-42-G |
| VG 95343 T06 B 006 A | 157-42-G |
| VG 95343 T06 B 007 A | 158-42-G |
| VG 95343 T06 B 008 A | 159-42-G |
| VG 95343 T06 B 009 A | 160-42-G |
| VG 95343 T06 C 001 A | 157-43-G |
| VG 95343 T06 C 002 A | 158-43-G |
| VG 95343 T06 C 003 A | 159-43-G |
| VG 95343 T06 C 004 A | 160-43-G |

| Description VG-Norm | Description HellermannTyton |
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| VG 95343 T06 D 001 A | 129-1-G |
| VG 95343 T06 D 002 A | 130-1-G |
| VG 95343 T06 D 003 A | 131-1-G |
| VG 95343 T06 D 004 A | 132-1-G |
| VG 95343 T06 D 005 A | 133-1-G |
| VG 95343 T06 D 006 A | 134-1-G |
| VG 95343 T06 D 007 A | 135-1-G |
| VG 95343 T06 D 008 A | 136-1-G |
| VG 95343 T06 D 009 A | 138-1-G |
| VG 95343 T06 D 011 A | 176-1-G |
| VG 95343 T06 D 012 A | 177-1-G |
| VG 95343 T06 D 013 A | 178-1-G |
| VG 95343 T06 D 014 A | 179-1-G |
| VG 95343 T06 E 001 A | 1152-4-G |
| VG 95343 T06 E 002 A | 1154-4-G |
| VG 95343 T06 E 003 A | 1155-4-G |
| VG 95343 T06 E 004 A | 1156-4-G |
| VG 95343 T06 E 005 A | 1157-4-G |
| VG 95343 T06 E 006 A | 1158-4-G |
| VG 95343 T06 E 007 A | 1159-4-G |
| VG 95343 T06 E 008 A | 1160-4-G |
| VG 95343 T06 F 001 A | 1121-1-G |
| VG 95343 T06 F 002 A | 1122-1-G |
| VG 95343 T06 F 003 A | 1123-1-G |
| VG 95343 T06 F 004 A | 1124-1-G |
| VG 95343 T06 F 005 A | 1125-1-G |
| VG 95343 T06 F 006 A | 1126-1-G |
| VG 95343 T06 F 007 A | 1127-1-G |
| VG 95343 T06 F 008 A | 1128-1-G |
| VG 95343 T06 F 009 A | 1129-1-G |
| VG 95343 T06 F 010 A | 1141-1-G |
| VG 95343 T06 F 011 A | 1133-1-G |
| VG 95343 T06 F 012 A | 1134-1-G |
| VG 95343 T06 F 013 A | 1135-1-G |
| VG 95343 T06 F 014 A | 1136-1-G |
| VG 95343 T06 J 001 A | 1111-1-G |
| VG 95343 T06 J 002 A | 1112-1-G |
| VG 95343 T06 J 003 A | 1113-1-G |
| VG 95343 T06 J 004 A | 1114-1-G |
| VG 95343 T06 J 006 A | 1116-1-G |
| VG 95343 T06 J 007 A | 1117-1-G |
| VG 95343 T06 J 008 A | 1118-1-G |
| VG 95343 T06 J 009 A | 1119-1-G |
| VG 95343 T06 K 001 A | 1505-1-G |
| VG 95343 T06 K 002 A | 1506-1-G |
| VG 95343 T06 K 003 A | 1507-1-G |
| VG 95343 T06 K 004 A | 1501-1-G |
| VG 95343 T06 K 005 A | 1502-2-G |
| VG 95343 T06 K 006 A | 1502-2-G |
| VG 95343 T06 K 007 A | 1506-2-G |
| VG 95343 T06 K 008 A | 1507-2-G |
| VG 95343 T06 K 009 A | 1501-2-G |
| VG 95343 T06 K 010 A | 1502-1-G |
| VG 95343 T06 L 001 A | 2101-1-G |
| VG 95343 T06 L 002 A | 2102-1-G |
| VG 95343 T06 L 003 A | 2103-1-G |
| VG 95343 T06 L 004 A | 2104-1-G |
| VG 95343 T06 L 005 A | 2105-1-G |
| VG 95343 T06 L 006 A | 2101-2-G |
| VG 95343 T06 L 007 A | 2102-2-G |
| VG 95343 T06 L 008 A | 2103-2-G |
| VG 95343 T06 L 009 A | 2105-2-G |

| Description VG-Norm | Description HellermannTyton |
|----------------------|-----------------------------|
| VG 95343 T08 A 001 A | 1203-1-G |
| VG 95343 T08 A 002 A | 1209-1-G |
| VG 95343 T08 A 007 A | 1201-1-G |
| VG 95343 T08 A 009 A | 1206-1-G |
| VG 95343 T08 A 010 A | 1202-1-G |
| VG 95343 T08 A 011 A | 1207-1-G |
| VG 95343 T08 A 016 A | 1204-1-G |
| VG 95343 T08 A 017 A | 1216-1-G |
| VG 95343 T08 B 001 A | 1301-1-G |
| VG 95343 T08 B 002 A | 1303-1-G |
| VG 95343 T08 B 003 A | 1311-1-G |
| VG 95343 T08 B 004 A | 1302-1-G |
| VG 95343 T08 B 005 A | 1304-1-G |
| VG 95343 T08 B 006 A | 1305-1-G |

 Please refer to the Approvals Overview for further information, see page 586 and following.



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| VG 95343 T08 B 007 A | 1312-1-G |
| VG 95343 T08 B 008 A | 1316-1-G |
| VG 95343 T08 B 009 A | 1313-1-G |
| VG 95343 T08 B 010 A | 1306-1-G |
| VG 95343 T08 B 011 A | 1307-1-G |
| VG 95343 T08 B 012 A | 1308-1-G |
| VG 95343 T08 C 001 A | 206-1-G |
| VG 95343 T08 C 002 A | 203-1-G |
| VG 95343 T08 C 003 A | 204-1-G |
| VG 95343 T08 C 004 A | 211-1-G |
| VG 95343 T08 C 005 A | 212-1-G |
| VG 95343 T08 D 001 A | 306-1-G |
| VG 95343 T08 D 002 A | 304-1-G |
| VG 95343 T08 D 003 A | 310-1-G |
| VG 95343 T08 D 004 A | 311-1-G |
| VG 95343 T08 E 002 A | 411-1-G |
| VG 95343 T08 E 004 A | 403-1-G |
| VG 95343 T08 E 005 A | 413-1-G |
| VG 95343 T10 A 001 A | 1612-1-G |
| VG 95343 T10 A 002 A | 1613-1-G |
| VG 95343 T10 A 003 A | 1614-1-G |
| VG 95343 T10 A 004 A | 1615-1-G |
| VG 95343 T10 A 005 A | 1616-1-G |
| VG 95343 T15 A 001 A | V 9500 |
| VG 95343 T15 A 002 B | V9500 B |
| VG 95343 T15 A | V9500 P |
| VG 95343 T15 DA | P9500 |
| VG 95343 T15 MA | M9500 |
| VG 95343 T18 A 001 A | 152-41-GW24 |
| VG 95343 T18 A 002 A | 153-41-GW24 |
| VG 95343 T18 A 003 A | 154-41-GW24 |
| VG 95343 T18 A 004 A | 155-41-GW24 |
| VG 95343 T18 A 005 A | 156-41-GW24 |
| VG 95343 T18 A 006 A | 157-41-GW24 |
| VG 95343 T18 A 007 A | 158-41-GW24 |
| VG 95343 T18 A 008 A | 159-41-GW24 |
| VG 95343 T18 A 009 A | 160-41-GW24 |
| VG 95343 T18 A 010 A | 199-41-GW24 |
| VG 95343 T18 E 001 A | 1505-1-GW24 |
| VG 95343 T18 E 002 A | 1506-1-GW24 |
| VG 95343 T18 E 003 A | 1507-1-GW24 |
| VG 95343 T18 E 004 A | 1501-1-GW24 |
| VG 95343 T18 E 005 A | 1502-2-GW24 |
| VG 95343 T18 E 006 A | 1505-2-GW24 |
| VG 95343 T18 E 007 A | 1506-2-GW24 |
| VG 95343 T18 E 008 A | 1507-2-GW24 |
| VG 95343 T18 E 009 A | 1501-2-GW24 |
| VG 95343 T18 E 010 A | 1502-1-GW24 |
| VG 95343 T18 B 001 A | 152-42-GW24 |
| VG 95343 T18 B 002 A | 153-42-GW24 |
| VG 95343 T18 B 003 A | 154-42-GW24 |
| VG 95343 T18 B 004 A | 155-42-GW24 |
| VG 95343 T18 B 005 A | 156-42-GW24 |
| VG 95343 T18 B 006 A | 157-42-GW24 |
| VG 95343 T18 B 007 A | 158-42-GW24 |
| VG 95343 T18 B 008 A | 159-42-GW24 |
| VG 95343 T18 B 009 A | 160-42-GW24 |
| VG 95343 T18 C 001 A | 157-43-GW24 |

| Description VG-Norm | Description HellermannTyton |
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| VG 95343 T18 C 002 A | 158-43-GW24 |
| VG 95343 T18 C 003 A | 159-43-GW24 |
| VG 95343 T18 C 004 A | 160-43-GW24 |
| VG 95343 T18 D 001 A | 1152-4-GW24 |
| VG 95343 T18 D 002 A | 1154-4-GW24 |
| VG 95343 T18 D 003 A | 1155-4-GW24 |
| VG 95343 T18 D 004 A | 1156-4-GW24 |
| VG 95343 T18 D 005 A | 1157-4-GW24 |
| VG 95343 T18 D 006 A | 1158-4-GW24 |
| VG 95343 T18 D 007 A | 1159-4-GW24 |
| VG 95343 T18 D 008 A | 1160-4-GW24 |
| VG 95343 T18 G 001 A | 2101-1-GW24 |
| VG 95343 T18 G 003 A | 2102-1-GW24 |
| VG 95343 T18 G 005 A | 2103-1-GW24 |
| VG 95343 T18 G 006 A | 2104-1-GW24 |
| VG 95343 T18 G 007 A | 2105-1-GW24 |
| VG 95343 T18 G 008 A | 2101-2-GW24 |
| VG 95343 T18 G 010 A | 2102-2-GW24 |
| VG 95343 T18 G 012 A | 2103-2-GW24 |
| VG 95343 T18 G 014 A | 2105-2-GW24 |
| VG 95343 T18 H 001 A | 1133-2-GW24 |
| VG 95343 T18 H 002 A | 1133-1-GW24 |
| VG 95343 T19 A 001 A | 1203-1-GW24 |
| VG 95343 T19 A 002 A | 1209-1-GW24 |
| VG 95343 T19 A 003 A | 1214-1-GW24 |
| VG 95343 T19 A 004 A | 1210-1-GW24 |
| VG 95343 T19 A 006 A | 1212-1-GW24 |
| VG 95343 T19 A 007 A | 1201-1-GW24 |
| VG 95343 T19 A 008 A | 1213-1-GW24 |
| VG 95343 T19 A 009 A | 1206-1-GW24 |
| VG 95343 T19 A 010 A | 1202-1-GW24 |
| VG 95343 T19 A 011 A | 1207-1-GW24 |
| VG 95343 T19 A 012 A | 1208-1-GW24 |
| VG 95343 T19 A 016 A | 1204-1-GW24 |
| VG 95343 T19 A 017 A | 1216-1-GW24 |
| VG 95343 T19 A 018 A | 1220-1-GW24 |
| VG 95343 T19 E 002 A | 411-1-GW24 |
| VG 95343 T19 E 003 A | 412-1-GW24 |
| VG 95343 T19 E 004 A | 403-1-GW24 |
| VG 95343 T19 E 005 A | 413-1-GW24 |
| VG 95343 T19 E 009 A | 414-1-GW24 |
| VG 95343 T19 B 001 A | 1301-1-GW24 |
| VG 95343 T19 B 002 A | 1303-1-GW24 |
| VG 95343 T19 B 003 A | 1311-1-GW24 |
| VG 95343 T19 B 004 A | 1302-1-GW24 |
| VG 95343 T19 B 006 A | 1305-1-GW24 |
| VG 95343 T19 B 007 A | 1312-1-GW24 |
| VG 95343 T19 B 008 A | 1316-1-GW24 |
| VG 95343 T19 B 009 A | 1313-1-GW24 |
| VG 95343 T19 B 010 A | 1306-1-GW24 |
| VG 95343 T19 B 011 A | 1307-1-GW24 |
| VG 95343 T19 B 012 A | 1308-1-GW24 |
| VG 95343 T19 C 001 A | 206-1-GW24 |
| VG 95343 T19 C 002 A | 203-1-GW24 |
| VG 95343 T19 C 003 A | 204-1-GW24 |
| VG 95343 T19 C 004 A | 211-1-GW24 |
| VG 95343 T19 C 005 A | 212-1-GW24 |
| VG 95343 T19 D 001 A | 306-1-GW24 |
| VG 95343 T19 D 002 A | 304-1-GW24 |
| VG 95343 T19 D 003 A | 310-1-GW24 |
| VG 95343 T19 D 004 A | 311-1-GW24 |
| VG 95343 T19 D 005 A | 312-1-GW24 |
| VG 95343 T29 A 001 A | 152-61-HW21 |

| Description VG-Norm | Description HellermannTyton |
|----------------------|-----------------------------|
| VG 95343 T29 A 002 A | 153-61-HW21 |
| VG 95343 T29 A 003 A | 154-61-HW21 |
| VG 95343 T29 A 004 A | 155-61-HW21 |
| VG 95343 T29 A 005 A | 156-61-HW21 |
| VG 95343 T29 A 006 A | 157-61-HW21 |
| VG 95343 T29 B 001 A | 152-62-HW21 |
| VG 95343 T29 B 002 A | 153-62-HW21 |
| VG 95343 T29 B 003 A | 154-62-HW21 |
| VG 95343 T29 B 004 A | 155-62-HW21 |
| VG 95343 T29 B 005 A | 156-62-HW21 |
| VG 95343 T29 B 006 A | 157-62-HW21 |
| VG 95343 T29 B 007 A | 158-62-HW21 |
| VG 95343 T29 C 001 A | 157-63-HW21 |
| VG 95343 T29 C 002 A | 158-63-HW21 |
| VG 95343 T29 D 001 A | 1152-6-HW21 |
| VG 95343 T29 D 002 A | 1154-6-HW21 |
| VG 95343 T29 D 003 A | 1155-6-HW21 |
| VG 95343 T29 D 004 A | 1156-6-HW21 |
| VG 95343 T29 D 005 A | 1157-6-HW21 |
| VG 95343 T29 D 006 A | 1158-6-HW21 |
| VG 95343 T30 A 001 A | 1203-1-HW21 |
| VG 95343 T30 A 002 A | 1209-1-HW21 |
| VG 95343 T30 A 007 A | 1201-1-HW21 |
| VG 95343 T30 A 009 A | 1206-1-HW21 |
| VG 95343 T30 A 010 A | 1202-1-HW21 |
| VG 95343 T30 A 011 A | 1207-1-HW21 |
| VG 95343 T30 A 016 A | 1204-1-HW21 |
| VG 95343 T30 A 017 A | 1216-1-HW21 |
| VG 95343 T30 B 001 A | 1301-1-HW21 |
| VG 95343 T30 B 002 A | 1303-1-HW21 |
| VG 95343 T30 B 003 A | 1311-1-HW21 |
| VG 95343 T30 B 004 A | 1302-1-HW21 |
| VG 95343 T30 C 001 A | 206-1-HW21 |
| VG 95343 T30 C 002 A | 203-1-HW21 |
| VG 95343 T30 C 003 A | 204-1-HW21 |
| VG 95343 T30 C 004 A | 211-1-HW21 |
| VG 95343 T30 C 005 A | 212-1-HW21 |
| VG 95343 T30 D 001 A | 306-1-HW21 |
| VG 95343 T30 D 002 A | 304-1-HW21 |
| VG 95343 T30 D 003 A | 310-1-HW21 |
| VG 95343 T30 D 004 A | 311-1-HW21 |



Please refer to the Approvals Overview for further information, see page 586 and following.

Standards for HellermannTyton Cable Protection

| Type | Standards | | Mat. tests | | DIN 5510-2 | DIN VDE 0879-2 | EN6049-... |
|-------------------------|-----------|------------|------------|--------------------|------------|----------------|------------|
| | UL/UR | PAN 6480-A | UL94 | NF F 16-101/16-102 | | | |
| Helawrap HWPP | | | HB | | | | |
| Helawrap HWPA-V0 | ● | | V0 | ● | | | |
| HWClips, HWBase | | | HB | | | | |
| SBPE | | | HB | | | | |
| SBPEFR | | | V2 | | | | |
| SBPA | | | HB | | | | |
| SBPAV0 | ● | | V0 | | | | |
| SBPTFE | | | V0 | | | | |
| SPS | | | HB | | | | |
| SPF | | | HB | | | | |
| Heladuct Flex | ● | | V0 | | | | |
| Helagaine HEGP | | | V2 | | ● | | |
| Helagaine HEGPX | ● | | V2 | | ● | | |
| Helagaine HEGPV0 | | | V0 | ● | ● | | |
| Helagaine HEGPV0X | ● | | V0 | ● | ● | | |
| Helagaine HEGPA66 | | | V2 | ● | ● | | |
| Helagaine HEGEMIP | | | V2 | | | ● | |
| Helagaine HEGEMIPV0 | | | V0 | | | ● | |
| Helagaine HEGPL | | | V2 | | | | |
| Helagaine HEGMAN | | | V0 | | | | ...-003 |
| Helagaine HEGMANWO | | | V0 | | | | ...-004 |
| HELAHOOK | | | V2 | ● | | | |
| Helagaine Twist-In-FR | | | | ● | | | |
| EdgeGuard | | | HB | | | | |
| Flexiform (PE) | | | HB | | | | |
| Flexiform (PA6) | | | HB | | | | |
| Flexiform (PTFE) | | ● | V0 | | | | |
| Grommets (PE) | | | HB | | | | |
| Grommets (PVC) | | | V2 | | | | |
| Grommets (Helvin 243/3) | | | V2 | | | | |

Standards for HellermannTyton Conduits and Fittings

| Type | Tests | | Standards | | | | | |
|---------------------|--------------|----|-----------|------------------|--------------------|------------|-----------|----------|
| | EN IEC 61386 | UR | UL | Lloyd's Register | NF F 16-101/16-102 | DIN 5510-2 | UIC 564-2 | EN 61373 |
| HG-SW | ● | ● | | ● | | | | ● |
| HG-LW | ● | ● | | | | | | |
| HG-HW | ● | ● | | | | | | |
| HG-FR | ● | ● | | | ● | ● | ● | ● |
| HG-HI | ● | ● | | ● | | | | ● |
| HG-DC | ● | ● | | | | | | |
| HG-PP | ● | ● | | | | | | |
| HG and HGL Fittings | ● | ● | | ● | ● | ● | | |
| SC | ● | | | | | | | |
| SSC | ● | | | | | | | |
| PCS | ● | | | | | | | |
| NCS | ● | | | | | | | |
| LFHCS | ● | | | ● | | | | ● |
| LTS | ● | | | ● | | | | ● |
| LTSH | ● | | | | | | | |
| LTSUL | ● | | ● | | | | | |
| PCSB | ● | | | | | | | |
| SCSB | ● | | | | | | | |
| FG | ● | | | | | | | |
| FGP | ● | | | | | | | |



Please refer to the Approvals Overview for further information, see page 586 and following.

Standards for HellermannTyton Wire Connectors

| Type | Standards | | | | | | | | | |
|------------------|-----------|-----|----|-------|-------|-------|-------|-----------|-------|-------|
| | ENEC | VDE | GL | FIMKO | DEMKO | NEMKO | SEMKO | KEMA KEUR | cULus | CEBEC |
| HelaCon Plus | ● | ● | ● | ● | ● | ● | ● | ● | ● | |
| HelaCon Easy | ● | ● | | ● | | | | ● | ● | ● |
| HelaCon Easy 1.5 | ● | ● | | ● | | | | | | |
| HelaCon Lux | ● | ● | | ● | | | | ● | | ● |

Standards for HellermannTyton Identification Systems

| Type | Standards | | | | | | | Mat. tests |
|--|-----------|-----|-----|----------|-----|-------------|------|------------|
| | UL/UR | CSA | MIL | DEF STAN | LUL | VG | UL94 | |
| WIC | | | | | | | V0* | |
| IT Ties | ● | | | | | | | |
| IT1 Plate | | | | | | ● | | |
| Helatag Laser, Material 1101 | ● | | | | | | | |
| Helatag Laser, Material 1102 | ● | | | | | | | |
| Helatag Laser, Material 1103 | ● | | | | | | | |
| Helatag Thermotransfer, Material 320/321 | ● | | | | | | | |
| Helatag Thermotransfer, Material 951 | ● | | | | | | | |
| Helatag Thermotransfer, Material 1203 | ● | | | | | | | |
| Helatag Thermotransfer, Material 1204 | ● | | | | | | | |
| Helatag Thermotransfer, Material 1205 | ● | | | | | | | |
| Helatag Thermotransfer, Material 1206 | ● | | | | | | | |
| Helatag Thermotransfer, Material 1207 | ● | | | | | | | |
| TCGT | | ● | | | | | | |
| TULT | ● | ● | | | | | | |
| TIPTAG | | | | | | RSE STD 013 | | |
| TIPTAG VA | | | ● | | | | | |
| ShrinkTrak | ● | | ● | ● | | | | |

* Basic material

Standards for HellermannTyton Application Tooling

| Type | Standards | |
|-------------------------------------|------------|--------------|
| | MIL | VG |
| MK7 Application Tool for Cable Ties | MS 90387-1 | VG 95387-105 |
| MK9 Application Tool for Cable Ties | MS 90387-2 | VG 95387-105 |