

PP

Normalprofil
AHW
High Flex
UFW

RoHS

Material:
Polypropylen

Temperaturbereich:
3000 h: -40°C bis 105°C
350 h: -40°C bis 135°C

Flammschutz:
• UL 94: HB
• nach FMVSS 302: < 100 mm/min.

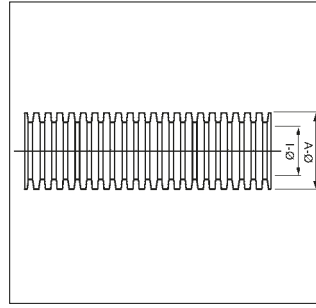
Farbe(n)/Ausführungen:
• Schwarz, weitere auf Anfrage
• Stücklängen auf Anfrage

PP

Normal Profile
AHW
High Flex
UFW

Eigenschaften:
• Hohe Wärmeformbeständigkeit
• Enorme Kälteschlagzähigkeit
• Hohe Zähigkeit
• Biegewechselbeständig
• Sehr gute chemische Beständigkeit
• UV-beständig

Anwendungsbereiche:
• Fahrzeugbau
• AHW-Profil: für kleine Biegeradien besonders geeignet



Material:
Polypropylene
Temperature range:
3000 h: -40°C to 105°C
350 h: -40°C to 135°C

Inflammability:
• UL 94: HB
• acc. to FMVSS 302: < 100 mm/min.

Colour(s)/Designs:
• Black, others on request
• Cutted lengths on request

Characteristics:
• Great shape permanence to heat
• Enourmous cold impact strength
• High strength
• Bending stabile
• Excellent chemical resistance
• UV resistant

Applications:
• Vehicle Industries
• AHW-Profil: for small bending radii recommended

| NW | Profil | A mm | I mm | Container / Container | | | | Ring/Coil | | |
|-----|---------------------|------|------|-----------------------------|-------|-------------------------------|-------|-----------------------------|-------------------------------|-----|
| | | | | Art.-Nr. geschlitzt schwarz | VE m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. geschlitzt schwarz | Art.-Nr. ungeschlitzt schwarz | m |
| NW | profile | A mm | I mm | Art. no. slit black | PU m | Art. no. unslit black | m | Art. no. slit black | Art. no. unslit black | m |
| 3 | Normal/normal | 5,1 | 2,8 | 1951003 | 18000 | 1951139 | 18000 | 1926653 | 1926603 | 200 |
| 4,5 | Normal/normal | 7,1 | 5,0 | 1951004 | 10000 | 1951140 | 9000 | 1926654 | 1926604 | 100 |
| 6 | Normal/normal | 9,2 | 6,0 | 1951006 | 5000 | 1951141 | 5000 | 1926656 | 1926606 | 100 |
| 7,5 | Normal/normal | 9,9 | 6,9 | 1951007 | 5000 | 1951142 | 5000 | 1926657 | 1926607 | 50 |
| 8,5 | Normal/normal | 11,6 | 8,5 | 1951008 | 4000 | 1951143 | 3300 | 1926658 | 1926608 | 50 |
| 10 | Normal/normal | 12,7 | 10,1 | 1951010 | 3300 | 1951144 | 3000 | 1926660 | 1926610 | 50 |
| 12 | Normal/normal | 15,6 | 12,0 | 1951012 | 2200 | 1951145 | 2200 | 1926662 | 1926612 | 50 |
| 13 | Normal/normal | 15,8 | 12,9 | 1951013 | 2200 | 1951146 | 2000 | 1926663 | 1926613 | 50 |
| 14 | Normal/normal | 18,3 | 14,5 | 1951014 | 1700 | 1951147 | 1700 | 1926664 | 1926614 | 50 |
| 16 | Normal/normal | 18,8 | 15,2 | 1951016 | 1500 | 1951148 | 1500 | 1926666 | 1926616 | 50 |
| 17 | Normal/normal | 21,0 | 16,8 | 1951017 | 1300 | 1951149 | 1100 | 1926667 | 1926617 | 50 |
| 19 | Normal/normal | 24,0 | 19,4 | 1951019 | 1000 | 1951150 | 800 | 1926669 | 1926619 | 50 |
| 22 | Normal/normal | 25,5 | 21,8 | 1951022 | 900 | 1951151 | 700 | 1926672 | 1926622 | 50 |
| 23 | Normal/normal | 28,0 | 23,7 | 1951023 | 700 | 1951152 | 650 | 1926673 | 1926623 | 50 |
| 26 | Normal/normal | 31,3 | 26,4 | 1951026 | 600 | 1951153 | 600 | 1926676 | 1926626 | 25 |
| 29 | Normal/normal | 33,9 | 29,3 | 1951029 | 500 | 1951154 | 450 | 1926679 | 1926629 | 25 |
| 37 | Normal/normal | 42,0 | 36,7 | 1951037 | 300 | 1951155 | 250 | 1926687 | 1926637 | 25 |
| 50 | Normal/normal | 53,6 | 47,8 | 1951050 | 200 | 1951156 | 150 | 1926690 | 1926650 | 25 |
| 4,5 | AHW/AHW | 7,1 | 5,0 | 1951104 | 10000 | 1951160 | 9000 | 1927904 | 1927964 | 100 |
| 6 | AHW/AHW | 9,2 | 6,0 | 1951106 | 5000 | 1951161 | 5000 | 1927906 | 1927966 | 100 |
| 8,5 | AHW/AHW | 12,9 | 8,5 | 1951108 | 3300 | 1951164 | 3000 | 1927908 | 1927968 | 50 |
| 11 | AHW/AHW | 15,7 | 11,1 | 1951111 | 2200 | 1951165 | 2000 | 1927911 | 1927971 | 50 |
| 15 | AHW/AHW | 21,2 | 15,0 | 1951115 | 1300 | 1951167 | 1100 | 1927915 | 1927975 | 50 |
| 19 | AHW/AHW | 25,7 | 19,1 | 1951119 | 900 | 1951168 | 700 | 1927919 | 1927979 | 50 |
| 26 | AHW/AHW | 31,4 | 26,3 | 1951126 | 500 | - | - | 1927926 | 1927986 | 25 |
| 34 | AHW/AHW | 39,5 | 34,1 | 1951134 | 300 | 1951172 | 250 | 1927934 | 1927994 | 25 |
| 13 | High Flex/High Flex | 18,4 | 13,9 | 1926063 | 1700 | 1926073 | 1700 | 1926023 | 1926033 | 50 |
| 19 | High Flex/High Flex | 24,0 | 18,8 | 1926049 | 900 | 1926059 | 700 | 1926029 | 1926039 | 50 |
| 23 | High Flex/High Flex | 28,5 | 23,5 | 1926083 | 600 | 1926093 | 500 | 1926043 | 1926053 | 50 |
| 4,5 | UFW/UFW | 7,2 | 4,7 | 1951644 | 10000 | 1951604 | 9000 | 1951724 | 1951684 | 100 |
| 7,5 | UFW/UFW | 10,0 | 6,4 | 1951647 | 5000 | 1951607 | 5000 | 1951727 | 1951687 | 50 |
| 8,5 | UFW/UFW | 11,9 | 8,4 | 1951648 | 4000 | 1951608 | 3300 | 1951728 | 1951688 | 50 |
| 10 | UFW/UFW | 13,0 | 9,3 | 1951650 | 3300 | 1951610 | 3000 | 1951730 | 1951690 | 50 |
| 13 | UFW/UFW | 15,8 | 12,4 | 1951653 | 2200 | 1951613 | 2000 | 1951733 | 1951693 | 50 |
| 17 | UFW/UFW | 21,1 | 16,2 | 1951657 | 1300 | 1951617 | 1100 | 1951737 | 1951697 | 50 |
| 19 | UFW/UFW | 23,6 | 18,8 | 1951659 | 900 | 1951619 | 700 | 1951739 | 1951699 | 50 |
| 22 | UFW/UFW | 25,5 | 20,1 | 1951662 | 800 | 1951622 | 700 | 1951742 | 1951702 | 50 |
| 23 | UFW/UFW | 28,5 | 22,6 | 1951663 | 700 | 1951623 | 650 | 1951743 | 1951703 | 50 |
| 26 | UFW/UFW | 31,4 | 25,1 | 1951666 | 600 | 1951626 | 600 | 1951746 | 1951706 | 25 |
| 29 | UFW/UFW | 34,5 | 28,5 | 1951669 | 500 | 1951629 | 450 | 1951749 | 1951709 | 25 |
| 37 | UFW/UFW | 42,2 | 35,5 | 1951677 | 300 | 1951637 | 250 | 1951757 | 1951717 | 25 |

PP GM

Normalprofil
AHW
High Flex
UFW

RoHS

Material:

Polypropylen GM

Temperaturbereich:

3000 h: -40°C bis 105°C
240 h: -40°C bis 125°C

Flammschutz:

- UL 94: HB
- nach FMVSS 302: selbstverlöschend

Farbe(n)/Ausführungen:

- Schwarz, weitere auf Anfrage
- Stücklängen auf Anfrage

PP GM

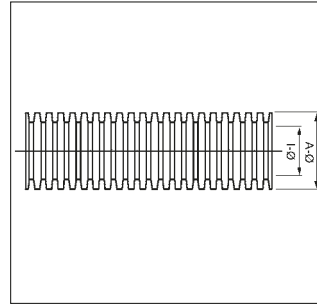
Normal Profile
AHW
High Flex
UFW

Eigenschaften:

- Hohe Wärmeformbeständigkeit
- Enorme Kälteschlagzähigkeit
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- Biegewechselbeständig
- Sehr gute chemische Beständigkeit
- UV-beständig

Anwendungsbereiche:

- Fahrzeugbau
- AHW-Profil: für kleine Biegeradien besonders geeignet



Material:

Polypropylene GM

Temperature range:

3000 h: -40°C to 105°C
240 h: -40°C to 125°C

Inflammability:

- UL 94: HB
- acc. to FMVSS 302: selfextinguishing

Colour(s)/Designs:

- Black, others on request
- Cutted lengths on request

Characteristics:

- Great shape permanence to heat
- Enormous cold impact strength
- High strength
- Bending stabile
- Excellent chemical resistance
- UV resistant

Applications:

- Vehicle Industries
- AHW-Profile: for small bending radii recommended

| NW | Profil | A mm | I mm | Container / Container | | | | Ring / Coil | | |
|-----|---------------------|------|------|-----------------------------|-------|-------------------------------|-------|-----------------------------|-------------------------------|-----|
| | | | | Art.-Nr. geschlitzt schwarz | VE m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. geschlitzt schwarz | Art.-Nr. ungeschlitzt schwarz | m |
| | | | | | | | | | | |
| 3 | Normal/normal | 5,1 | 2,8 | 1930503 | 18000 | 1930903 | 18000 | 1929653 | 1929703 | 200 |
| 4,5 | Normal/normal | 7,1 | 5,0 | 1930504 | 10000 | 1930904 | 9000 | 1930804 | 1930854 | 100 |
| 6 | Normal/normal | 9,2 | 6,0 | 1930506 | 5000 | 1930906 | 5000 | 1930806 | 1930856 | 100 |
| 7,5 | Normal/normal | 9,9 | 6,9 | 1930507 | 5000 | 1930907 | 5000 | 1930807 | 1930857 | 50 |
| 8,5 | Normal/normal | 11,6 | 8,5 | 1930508 | 4000 | 1930908 | 3300 | 1930808 | 1930858 | 50 |
| 10 | Normal/normal | 12,7 | 10,1 | 1930510 | 3300 | 1930910 | 3000 | 1930810 | 1930860 | 50 |
| 12 | Normal/normal | 15,6 | 12,0 | 1930512 | 2200 | 1930912 | 2200 | 1930812 | 1930862 | 50 |
| 13 | Normal/normal | 15,8 | 12,9 | 1930513 | 2200 | 1930913 | 2000 | 1930813 | 1930863 | 50 |
| 14 | Normal/normal | 18,3 | 14,5 | 1930514 | 1700 | 1930914 | 1700 | 1930814 | 1930864 | 50 |
| 16 | Normal/normal | 18,8 | 15,2 | 1930516 | 1700 | 1930916 | 1500 | 1930816 | 1930866 | 50 |
| 17 | Normal/normal | 21,0 | 16,8 | 1930517 | 1300 | 1930917 | 1100 | 1930817 | 1930867 | 50 |
| 19 | Normal/normal | 24,0 | 19,4 | 1930519 | 1000 | 1930919 | 700 | 1930819 | 1930869 | 50 |
| 22 | Normal/normal | 25,5 | 21,8 | 1930522 | 900 | 1930922 | 700 | 1930822 | 1930872 | 50 |
| 23 | Normal/normal | 28,0 | 23,7 | 1930523 | 700 | 1930923 | 650 | 1930823 | 1930873 | 50 |
| 26 | Normal/normal | 31,3 | 26,4 | 1930526 | 550 | 1930926 | 500 | 1930826 | 1930876 | 25 |
| 29 | Normal/normal | 33,9 | 29,3 | 1930529 | 500 | 1930929 | 450 | 1930829 | 1930879 | 25 |
| 37 | Normal/normal | 42,0 | 36,7 | 1930537 | 300 | 1930937 | 250 | 1930837 | 1930887 | 25 |
| 50 | Normal/normal | 53,6 | 47,8 | 1930550 | 200 | 1930950 | 150 | 1930850 | 1930890 | 25 |
| 4,5 | AHW/AHW | 7,1 | 5,0 | 1929604 | 10000 | 1929754 | 9000 | 1929654 | 1929704 | 100 |
| 6 | AHW/AHW | 9,2 | 6,0 | 1929606 | 5000 | 1929756 | 5000 | 1929656 | 1929706 | 100 |
| 8,5 | AHW/AHW | 12,9 | 8,5 | 1929608 | 3300 | 1929758 | 3000 | 1929658 | 1929708 | 50 |
| 11 | AHW/AHW | 15,7 | 11,1 | 1929611 | 2200 | 1929761 | 2000 | 1929661 | 1929711 | 50 |
| 15 | AHW/AHW | 21,2 | 15,0 | 1929615 | 1300 | 1929765 | 1100 | 1929665 | 1929715 | 50 |
| 19 | AHW/AHW | 25,7 | 19,1 | 1929619 | 900 | 1929769 | 700 | 1929669 | 1929719 | 50 |
| 26 | AHW/AHW | 31,4 | 26,3 | 1929626 | 500 | 1929766 | 450 | 1929676 | 1929726 | 25 |
| 34 | AHW/AHW | 39,5 | 34,1 | 1929634 | 300 | 1929774 | 200 | 1929684 | 1929734 | 25 |
| 13 | High Flex/High Flex | 18,4 | 13,9 | 1939153 | 1700 | 1939143 | 1700 | 1939053 | 1939043 | 50 |
| 19 | High Flex/High Flex | 24,0 | 18,8 | 1939159 | 900 | 1939149 | 700 | 1939069 | 1939059 | 50 |
| 23 | High Flex/High Flex | 28,5 | 23,5 | 1939173 | 600 | 1939163 | 500 | 1939073 | 1939063 | 50 |
| 4,5 | UFW/UFW | 7,2 | 4,7 | 1952304 | 9000 | 1952204 | 9000 | 1952104 | 1952004 | 100 |
| 7,5 | UFW/UFW | 10,0 | 6,4 | 1952307 | 5000 | 1952207 | 5000 | 1952107 | 1952007 | 50 |
| 8,5 | UFW/UFW | 11,9 | 8,4 | 1952308 | 3300 | 1952208 | 3300 | 1952108 | 1952008 | 50 |
| 10 | UFW/UFW | 13,0 | 9,3 | 1952310 | 3000 | 1952210 | 3000 | 1952110 | 1952010 | 50 |
| 13 | UFW/UFW | 15,8 | 12,4 | 1952313 | 2000 | 1952213 | 2000 | 1952113 | 1952013 | 50 |
| 17 | UFW/UFW | 21,1 | 16,2 | 1952317 | 1100 | 1952217 | 1100 | 1952117 | 1952017 | 50 |
| 19 | UFW/UFW | 23,6 | 18,8 | 1952319 | 900 | 1952219 | 700 | 1952119 | 1952019 | 50 |
| 22 | UFW/UFW | 25,5 | 20,1 | 1952322 | 700 | 1952222 | 700 | 1952122 | 1952022 | 50 |
| 23 | UFW/UFW | 28,5 | 22,6 | 1952323 | 650 | 1952223 | 650 | 1952123 | 1952023 | 50 |
| 26 | UFW/UFW | 31,4 | 25,1 | 1952326 | 600 | 1952226 | 600 | 1952126 | 1952026 | 25 |
| 29 | UFW/UFW | 34,5 | 28,5 | 1952329 | 500 | 1952229 | 450 | 1952129 | 1952029 | 25 |
| 37 | UFW/UFW | 42,2 | 35,5 | 1952337 | 250 | 1952237 | 250 | 1952137 | 1952037 | 25 |



Material:

Polyamid 6

Temperaturbereich:

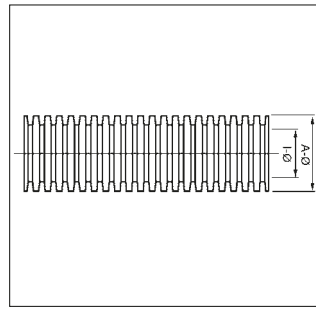
3000 h: -40°C bis 120°C
240 h: -40°C bis 150°C

Flammschutz:

- UL 94: HB
- nach FMVSS 302: < 100 mm/min.

Farbe(n)/Ausführungen:

- Schwarz, grau, weitere auf Anfrage
- Stücklängen auf Anfrage



Eigenschaften:

- Kein Unterwickelband bei Verzweigungen und Kabelenden erforderlich
- UV-beständig
- Halogenfrei

Anwendungsbereiche:

- Für hohe mechanische Belastungen
- Motorraum und Karosserie
- Baumaschinen und Maschinen
- Schiffs- und Bahnbau
- Schaltschränke

Material:

Polyamid 6

Temperature range:

3000 h: -40°C to 120°C
240 h: -40°C to 150°C

Inflammability:

- UL 94: HB
- acc. to FMVSS 302: < 100 mm/min.

Colour(s)/Designs:

- Black, grey, others on request
- Cutted lengths on request

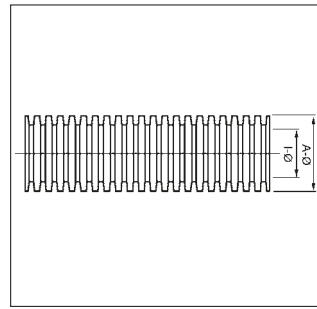
Characteristics:

- No wrapping tape necessary at cable feeders or cable ends
- UV resistant
- Free of halogen

Applications:

- For high mechanical stresses
- Body section and chassis
- Construction machinery and machinery
- Ship- and trainbuilding
- Switch cabinet

| NW | Profil | A mm | I mm | Container / Container | | | | | | Ring groß/ Coil large | | | | Ring klein/ Coil small | | | |
|-----|---------------|------|------|-----------------------|-------|-----------------------|-------|----------------------|------|-----------------------|-----|---------------------|---------|------------------------|---------|----------------------|---|
| | | | | geschlitzt schwarz | | ungeschlitzt schwarz | | ungeschlitzt grau | | ungeschlitzt schwarz | | geschlitzt schwarz | | ungeschlitzt schwarz | | ungeschlitzt grau | |
| | | | | Art. no. slit black | m | Art. no. unslit black | m | Art. no. unslit grey | m | Art. no. unslit black | m | Art. no. slit black | m | Art. no. unslit black | m | Art. no. unslit grey | m |
| 3 | Normal/normal | 5,1 | 2,8 | 1205503 | 18000 | 1200803 | 18000 | - | - | - | - | 1205030 | 1200073 | 200 | - | - | |
| 4,5 | Normal/normal | 7,1 | 5,0 | 1205504 | 10000 | 1200804 | 9000 | - | - | 1200061 | 200 | 1205045 | 1200068 | 100 | - | - | |
| 6 | Normal/normal | 9,2 | 6,0 | 1205506 | 5000 | 1200806 | 5000 | - | - | 1200021 | 200 | 1205060 | 1200069 | 100 | - | - | |
| 7,5 | Normal/normal | 10,0 | 6,7 | 1205507 | 5000 | 1200807 | 5000 | 1203957 | 5000 | 1200037 | 250 | 1205072 | 1200070 | 50 | 1203907 | 50 | |
| 8,5 | Normal/normal | 11,7 | 8,4 | 1205508 | 4000 | 1200808 | 3300 | 1203958 | 3300 | 1200040 | 250 | 1205080 | 1200089 | 50 | 1203908 | 50 | |
| 10 | Normal/normal | 13,0 | 9,9 | 1205510 | 3300 | 1200810 | 3000 | 1203960 | 3000 | 1200013 | 200 | 1205102 | 1200100 | 50 | 1203910 | 50 | |
| 12 | Normal/normal | 15,7 | 12,2 | 1205512 | 2200 | 1200812 | 2200 | 1203962 | 2200 | 1200064 | 200 | 1205129 | 1200127 | 50 | 1203912 | 50 | |
| 13 | Normal/normal | 15,8 | 12,7 | 1205513 | 2200 | 1200813 | 2000 | 1203963 | 2000 | 1200066 | 200 | 1205137 | 1200135 | 50 | 1203913 | 50 | |
| 14 | Normal/normal | 18,5 | 14,2 | 1205514 | 1700 | 1200814 | 1700 | 1203964 | 1700 | 1200067 | 200 | 1205145 | 1200143 | 50 | 1203914 | 50 | |
| 16 | Normal/normal | 18,9 | 15,0 | 1205516 | 1700 | 1200816 | 1500 | - | - | 1200041 | 150 | 1205161 | 1200160 | 50 | - | - | |
| 17 | Normal/normal | 21,2 | 16,6 | 1205517 | 1300 | 1200817 | 1100 | 1203967 | 1100 | 1200016 | 150 | 1205170 | 1200178 | 50 | 1203917 | 50 | |
| 19 | Normal/normal | 24,3 | 19,3 | 1205519 | 1000 | 1200819 | 800 | - | - | 1200054 | 100 | 1205196 | 1200194 | 50 | - | - | |
| 22 | Normal/normal | 25,4 | 21,3 | 1205522 | 900 | 1200822 | 700 | 1203972 | 700 | 1200022 | 100 | 1205226 | 1200224 | 50 | 1203922 | 50 | |
| 23 | Normal/normal | 28,9 | 23,2 | 1205523 | 700 | 1200823 | 650 | 1203973 | 650 | 1200023 | 100 | 1205234 | 1200232 | 50 | 1203923 | 50 | |
| 26 | Normal/normal | 31,2 | 25,8 | 1205526 | 600 | 1200826 | 600 | - | - | 1200263 | 50 | 1205269 | 1200267 | 25 | - | - | |
| 29 | Normal/normal | 34,5 | 29,0 | 1205529 | 500 | 1200829 | 450 | 1203979 | 450 | 1200029 | 50 | 1205290 | 1200291 | 25 | 1203929 | 25 | |
| 34 | Normal/normal | 39,0 | 34,0 | 1205534 | 300 | - | - | - | - | - | - | 1205344 | - | - | - | - | |
| 37 | Normal/normal | 42,4 | 36,0 | 1205537 | 300 | 1200837 | 250 | 1203987 | 250 | 1200062 | 30 | 1205374 | 1200372 | 25 | 1203937 | 25 | |
| 50 | Normal/normal | 54,0 | 47,7 | 1205550 | 200 | 1200850 | 150 | 1203990 | 150 | 1200044 | 30 | 1205501 | 1200500 | 25 | 1203950 | 25 | |



RoHS

ADR GGVS

Material:

Polyamid 6

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3000 h: -40°C bis 120°C
240 h: -40°C bis 150°C

Flammschutz:

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- nach FMVSS 302: < 100 mm/min.

Farbe(n)/Ausführungen:

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| NW mm | Profil mm | A | I | Container / Container | | | | Ring groß/Coil large | | | | Ring klein/Coil small | | | | | |
|-------|------------|------|------|-----------------------------|-------|-------------------------------|------|-------------------------------|-----|-----------------------------|-----|-----------------------------|-----------------------|-------------------------------|-----|----------------------------|----|
| | | | | Art.-Nr. geschlitzt schwarz | m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. perforiert schwarz | m | Art.-Nr. geschlitzt schwarz | m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. ungeschlitzt grau | m |
| NW mm | profile mm | A | I | Art. no. slit black | m | Art. no. unslit black | m | Art. no. unslit black | m | Art. no. perforated black | m | Art. no. slit black | Art. no. unslit black | Art. no. unslit grey | m | Art. no. perforated black | m |
| 4,5 | UFW/UFW | 7,3 | 4,7 | 1229304 | 10000 | 1229204 | 9000 | 1229001 | 200 | - | - | 1229104 | 1229004 | 1229700 | 100 | - | - |
| 7,5 | UFW/UFW | 10,1 | 6,3 | 1229307 | 5000 | 1229207 | 5000 | 1229002 | 250 | - | - | 1229107 | 1229007 | 1229701 | 50 | - | - |
| 8,5 | UFW/UFW | 12,0 | 8,2 | 1229308 | 4000 | 1229208 | 3300 | 1229003 | 250 | 1202630 | 250 | 1229108 | 1229008 | 1229702 | 50 | 1202610 | 50 |
| 10 | UFW/UFW | 13,1 | 9,3 | 1229310 | 3300 | 1229210 | 3000 | 1229011 | 200 | 1202631 | 200 | 1229110 | 1229010 | 1229703 | 50 | 1202611 | 50 |
| 13 | UFW/UFW | 15,9 | 12,0 | 1229313 | 2200 | 1229213 | 2000 | 1229014 | 200 | 1202632 | 200 | 1229113 | 1229013 | 1229704 | 50 | 1202612 | 50 |
| 17 | UFW/UFW | 21,2 | 16,0 | 1229317 | 1300 | 1229217 | 1100 | 1229005 | 150 | 1202633 | 150 | 1229117 | 1229017 | 1229705 | 50 | 1202613 | 50 |
| 19 | UFW/UFW | 23,7 | 18,6 | 1229319 | 900 | 1229219 | 700 | 1228006 | 100 | - | - | 1229119 | 1229019 | 1229711 | 50 | - | - |
| 22 | UFW/UFW | 25,7 | 19,9 | 1229322 | 800 | 1229222 | 700 | 1229012 | 100 | 1202634 | 100 | 1229122 | 1229022 | 1229710 | 50 | 1202614 | 50 |
| 23 | UFW/UFW | 28,6 | 22,2 | 1229323 | 700 | 1229223 | 650 | 1229015 | 100 | - | - | 1229123 | 1229023 | 1229706 | 50 | - | - |
| 26 | UFW/UFW | 31,5 | 24,9 | 1229326 | 600 | 1229226 | 600 | 1229016 | 50 | - | - | 1229126 | 1229026 | 1229707 | 25 | - | - |
| 29 | UFW/UFW | 34,6 | 28,4 | 1229329 | 500 | 1229229 | 450 | 1229020 | 50 | - | - | 1229129 | 1229029 | 1229708 | 25 | - | - |
| 37 | UFW/UFW | 42,3 | 35,4 | 1229337 | 300 | 1229237 | 250 | 1229021 | 30 | - | - | 1229137 | 1229037 | 1229709 | 25 | - | - |

PA6 Leicht

Normalprofil

RoHS

Material:

Polyamid 6

Temperaturbereich:

3000 h: -40°C bis 120°C
240 h: -40°C bis 150°C

Flammschutz:

- UL 94: HB
- nach FMVSS 302: < 100 mm/min.

Farbe(n)/Ausführungen:

- Schwarz, weitere auf Anfrage
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PA6 Light

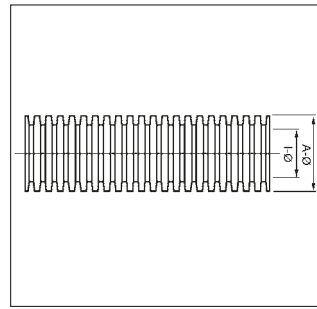
Normal Profile

Eigenschaften:

- Kein Unterwickelband bei Verzweigungen und Kabelenden erforderlich
- UV-beständig
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Anwendungsbereiche:

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- Baumaschinen und Maschinen
- Schiffs- und Bahnbau
- Schaltschränke



Material:

Polyamide 6

Temperature range:

3000 h: -40°C to 120°C
240 h: -40°C to 150°C

Inflammability:

- UL 94: HB
- acc. to FMVSS 302: < 100 mm/min.

Colour(s)/Designs:

- Black, others on request
- Cutted lengths on request

Characteristics:

- No wrapping tape necessary at cable feeders or cable ends
- UV resistant
- Free of halogen

Applications:

- For minor mechanical stresses
- Body section and chassis
- Construction machinery and machinery
- Ship- and trainbuilding
- Switch cabinet

| NW | Profil | A mm | l mm | Container / Container | | Ring groß/Coil large | | Ring klein/Coil small | | | | |
|-----|---------------|------|------|-----------------------------|------|-------------------------------|------|-------------------------------|-----|-----------------------------|-----------------------|----|
| | | | | Art.-Nr. geschlitzt schwarz | m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. geschlitzt schwarz | m | |
| NW | profile | A mm | l mm | Art. no. slit black | m | Art. no. unslit black | m | Art. no. unslit black | m | Art. no. slit black | Art. no. unslit black | m |
| 7,5 | Normal/normal | 10,0 | 6,7 | 1213107 | 5000 | 1212607 | 5000 | 1212923 | 250 | 1213007 | 1212079 | 50 |
| 8,5 | Normal/normal | 11,5 | 8,5 | 1213108 | 4000 | 1212608 | 3300 | 1212924 | 250 | 1213008 | 1212850 | 50 |
| 10 | Normal/normal | 13,2 | 10,1 | 1213110 | 3300 | 1212610 | 3000 | 1212919 | 200 | 1213010 | 1212109 | 50 |
| 12 | Normal/normal | 15,7 | 12,5 | 1213112 | 2200 | 1212612 | 2200 | 1212925 | 200 | 1213012 | 1212125 | 50 |
| 13 | Normal/normal | 16,0 | 13,0 | 1213113 | 2200 | 1212613 | 2000 | 1212926 | 200 | 1213013 | 1212133 | 50 |
| 14 | Normal/normal | 18,5 | 14,5 | 1213114 | 1700 | 1212614 | 1700 | 1212920 | 200 | 1213014 | 1212141 | 50 |
| 16 | Normal/normal | 18,9 | 15,4 | 1213116 | 1700 | 1212616 | 1100 | 1212927 | 150 | 1213016 | 1212160 | 50 |
| 17 | Normal/normal | 21,2 | 17,0 | 1213117 | 1300 | 1212617 | 1100 | 1212921 | 150 | 1213017 | 1212176 | 50 |
| 19 | Normal/normal | 24,3 | 19,5 | 1213119 | 1000 | 1212619 | 800 | 1212928 | 100 | 1213019 | 1212192 | 50 |
| 22 | Normal/normal | 25,6 | 21,6 | 1213122 | 900 | 1212622 | 700 | 1212929 | 100 | 1213022 | 1212222 | 50 |
| 23 | Normal/normal | 28,4 | 23,5 | 1213123 | 700 | 1212623 | 650 | 1212930 | 100 | 1213023 | 1212230 | 50 |
| 26 | Normal/normal | 31,2 | 26,1 | 1213126 | 600 | 1212626 | 600 | 1212931 | 50 | 1213026 | 1212260 | 50 |
| 29 | Normal/normal | 34,5 | 29,4 | 1213129 | 500 | 1212629 | 450 | 1212932 | 50 | 1213029 | 1212290 | 25 |
| 34 | Normal/normal | 39,9 | 34,1 | 1213134 | 300 | 1212634 | 250 | - | - | 1213034 | 1212341 | 25 |
| 37 | Normal/normal | 42,2 | 36,7 | 1213137 | 300 | 1212637 | 250 | - | - | 1213037 | 1212370 | 25 |
| 50 | Normal/normal | 54,0 | 48,1 | 1213150 | 200 | 1212650 | 150 | - | - | 1213050 | 1212508 | 25 |

PA6 Schwer

**Normalprofil
Grob**

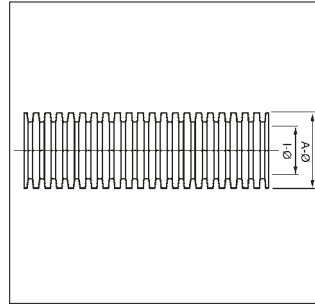
RoHS

- Material:**
Polyamid 6
- Temperaturbereich:**
3000 h: -40°C bis 120°C
240 h: -40°C bis 150°C
- Flammschutz:**
- UL 94: HB
 - nach FMVSS 302: < 100 mm/min.
- Farbe(n)/Ausführungen:**
- Schwarz, weitere auf Anfrage
 - Stücklängen auf Anfrage

PA6 Heavy

**Normal Profile
Rough**

- Eigenschaften:**
- Kein Unterwickelband bei Verzweigungen und Kabelenden erforderlich
 - UV-beständig
 - Halogenfrei
- Anwendungsbereiche:**
- Für hohe mechanische Belastungen
 - Motorraum und Karosserie
 - Baumaschinen und Maschinen
 - Schiffs- und Bahnbau
 - Schaltschränke



- Material:**
Polyamide 6
- Temperature range:**
3000 h: -40°C to 120°C
240 h: -40°C to 150°C
- Inflammability:**
- UL 94: HB
 - acc. to FMVSS 302: < 100 mm/min.
- Colour(s)/Designs:**
- Black, others on request
 - Cutted lengths on request

- Characteristics:**
- No wrapping tape necessary at cable feeders or cable ends
 - UV resistant
 - Free of halogen
- Applications:**
- For high mechanical stresses
 - Body section and chassis
 - Construction machinery and machinery
 - Ship- and trainbuilding
 - Switch cabinet

| Ring/Coil | | | | | |
|-----------|---------------|---------|---------|------------------------------------|----|
| NW | Profil | A mm | I mm | Art. Nr. ungeschlitz schwarz | m |
| NW | profile | A mm | I mm | Art. no. unslit black | m |
| 8,5 | Normal/normal | 11,7 | 8,2 | 1214089 | 50 |
| 10 | Normal/normal | 13,0 | 9,6 | 1214100 | 50 |
| 12 | Normal/normal | 15,7 | 12,1 | 1214127 | 50 |
| 14 | Normal/normal | 18,5 | 13,7 | 1214143 | 50 |
| 17 | Normal/normal | 21,2 | 16,2 | 1214178 | 50 |
| 23 | Normal/normal | 28,3 | 22,7 | 1214235 | 50 |
| 23G | Grob/rough | 28,3 | 21,5 | 1214236 | 50 |
| 29 | Normal/normal | 34,5 | 28,4 | 1214291 | 25 |
| 29G | Grob/rough | 34,5 | 26,9 | 1214292 | 25 |
| 37 | Normal/normal | 42,0 | 35,5 | 1214375 | 25 |
| 37G | Grob/rough | 42,5 | 35,3 | 1214376 | 25 |
| 50 | Normal/normal | 54,0 | 47,6 | 1214502 | 25 |
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PA6 BS

Normalprofil

EN 45545: R22 HL2 - R23 HL3
18.0370

RoHS

GL
75 478 - 09 HH



NF F 16-101: I3+F2
18.0370

Material:

Polyamid 6

Temperaturbereich:

3000 h: -40°C bis 120°C
240 h: -40°C bis 150°C

Flammschutz:

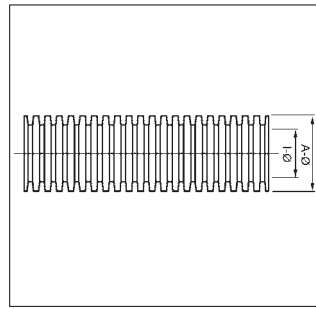
- UL 94: V0
- nach FMVSS 302: selbstverlöschend

Farbe(n)/Ausführungen:

- Schwarz, grau, weitere auf Anfrage
- Stücklängen auf Anfrage
- Container auf Anfrage

PA6 BS

Normal Profile



Material:

Polyamid 6

Temperature range:

3000 h: -40°C to 120°C
240 h: -40°C to 150°C

Inflammability:

- UL 94: V0
- acc. to FMVSS 302: selfextinguishing

Colour(s)/Designs:

- Black, grey, others on request
- Cutted lengths on request
- Container on request

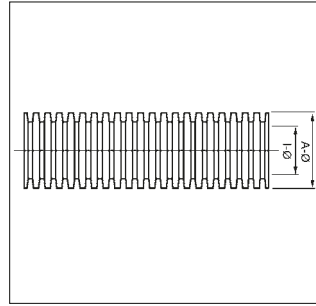
Characteristics:

- No wrapping tape necessary at cable feeders or cable ends
- UV resistant
- Free of halogen

Applications:

- For high mechanical stresses
- Body section and chassis
- Construction machinery and machinery
- Ship- and trainbuilding
- Switch cabinet

| Ring/Coil | | | | | | | | | | | |
|-----------|---------------|------|------|-----------------------------|-------------------------------|-----|--------------------------|-----|----------------------------|-----|--|
| | | | | ○ | | | ○ | | | ○ | |
| NW | Profil | A mm | I mm | Art.-Nr. geschlitzt schwarz | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. geschlitzt grau | m | Art.-Nr. ungeschlitzt grau | m | |
| NW | profile | A mm | I mm | Art. no. slit black | Art. no. unslit black | m | Art. no. slit grey | m | Art. no. unslit grey | m | |
| 3 | Normal/normal | 5,2 | 2,8 | 1206103 | 1206003 | 200 | - | - | 1203053 | - | |
| 4,5 | Normal/normal | 7,1 | 5,0 | 1206104 | 1206004 | 100 | 1203604 | 100 | 1203068 | 100 | |
| 7,5 | Normal/normal | 10,0 | 6,7 | 1206070 | 1206079 | 50 | - | - | 1203070 | 50 | |
| 8,5 | Normal/normal | 11,7 | 8,4 | 1206108 | 1206085 | 50 | - | - | 1203089 | 50 | |
| 10 | Normal/normal | 13,0 | 9,9 | 1206110 | 1206109 | 50 | - | - | 1203100 | 50 | |
| 12 | Normal/normal | 15,7 | 12,2 | 1206112 | 1206125 | 50 | 1203612 | 50 | 1203126 | 50 | |
| 13 | Normal/normal | 15,8 | 12,7 | 1206113 | 1206130 | 50 | - | - | 1203134 | 50 | |
| 14 | Normal/normal | 18,5 | 14,2 | 1206114 | 1206140 | 50 | 1203614 | 50 | 1203142 | 50 | |
| 16 | Normal/normal | 18,9 | 15,0 | 1206116 | 1206160 | 50 | - | - | 1203160 | 50 | |
| 17 | Normal/normal | 21,2 | 16,6 | 1206117 | 1206176 | 50 | 1203617 | 50 | 1203177 | 50 | |
| 19 | Normal/normal | 24,3 | 19,3 | 1206119 | 1206190 | 50 | - | - | 1203190 | 50 | |
| 22 | Normal/normal | 25,4 | 21,3 | 1206122 | 1206220 | 50 | 1203623 | 50 | 1203223 | 50 | |
| 23 | Normal/normal | 28,3 | 23,2 | 1206123 | 1206230 | 50 | - | - | 1203231 | 50 | |
| 26 | Normal/normal | 31,2 | 25,8 | 1206226 | 1206260 | 25 | - | - | 1203266 | 25 | |
| 29 | Normal/normal | 34,5 | 29,0 | 1206229 | 1206290 | 25 | - | - | 1203290 | 25 | |
| 37 | Normal/normal | 42,4 | 36,6 | 1206237 | 1206370 | 25 | - | - | 1203371 | 25 | |
| 50 | Normal/normal | 53,7 | 47,7 | 1206250 | 1206508 | 25 | - | - | 1203509 | 25 | |



| | | | |
|------|--------|-------------------------------|---------------------------------------|
| RoHS | E81472 | NF F 16-101: I3+F2 18.0370 | EN45545: R22 HL2 - R23 HL3 18.0370 |
|------|--------|-------------------------------|---------------------------------------|

Material:

Polyamid 6

Temperaturbereich:

3000 h: -40°C bis 120°C
240 h: -40°C bis 150°C

Flammschutz:

- UL 94: V0
- nach FMVSS 302: selbstverlöschend

Farbe(n)/Ausführungen:

- Schwarz, grau, weitere auf Anfrage
- Stücklängen auf Anfrage
- Container auf Anfrage

Eigenschaften:

- Kein Unterwickelband bei Verzweigungen und Kabelenden erforderlich
- UV-beständig
- Halogenfrei

Anwendungsbereiche:

- Für hohe mechanische Belastungen
- Motorraum und Karosserie
- Baumaschinen und Maschinen
- Schiffs- und Bahnbau
- Schaltschränke

Material:

Polyamide 6

Temperature range:

3000 h: -40°C to 120°C
240 h: -40°C to 150°C

Inflammability:

- UL 94: V0
- acc. to FMVSS 302: selfextinguishing

Colour(s)/Designs:

- Black, grey, others on request
- Cutted lengths on request
- Container on request

Characteristics:

- No wrapping tape necessary at cable feeders or cable ends
- UV resistant
- Free of halogen

Applications:

- For high mechanical stresses
- Body section and chassis
- Construction machinery and machinery
- Ship- and trainbuilding
- Switch cabinet

| NW | Profil | A mm | I mm | Ring/Coil | | | | | |
|-----|---------|------|------|-----------------------------|-------------------------------|-----|--------------------------|----------------------------|-----|
| | | | | Art.-Nr. geschlitzt schwarz | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. geschlitzt grau | Art.-Nr. ungeschlitzt grau | m |
| NW | profile | A mm | I mm | Art. no. slit black | Art. no. unslit black | m | Art. no. slit grey | Art. no. unslit grey | m |
| 4,5 | UFW/UFW | 7,3 | 4,7 | 1206540 | 1206520 | 100 | 1203540 | 1203520 | 100 |
| 7,5 | UFW/UFW | 10,1 | 6,3 | 1206541 | 1206521 | 50 | 1203541 | 1203521 | 50 |
| 8,5 | UFW/UFW | 12,0 | 8,2 | 1206542 | 1206522 | 50 | 1203542 | 1203522 | 50 |
| 10 | UFW/UFW | 13,1 | 9,3 | 1206543 | 1206523 | 50 | 1203543 | 1203523 | 50 |
| 13 | UFW/UFW | 15,9 | 12,0 | 1206544 | 1206524 | 50 | 1203544 | 1203524 | 50 |
| 17 | UFW/UFW | 21,2 | 16,0 | 1206545 | 1206525 | 50 | 1203545 | 1203525 | 50 |
| 19 | UFW/UFW | 23,7 | 18,6 | 1206551 | 1206531 | 50 | 1203551 | 1203531 | 50 |
| 22 | UFW/UFW | 25,7 | 19,9 | 1206546 | 1206526 | 50 | 1203546 | 1203526 | 50 |
| 23 | UFW/UFW | 28,6 | 22,2 | 1206547 | 1206527 | 50 | 1203547 | 1203527 | 50 |
| 26 | UFW/UFW | 31,5 | 24,9 | 1206548 | 1206528 | 25 | 1203548 | 1203528 | 25 |
| 29 | UFW/UFW | 34,6 | 28,4 | 1206549 | 1206529 | 25 | 1203549 | 1203529 | 25 |
| 37 | UFW/UFW | 42,3 | 35,4 | 1206550 | 1206530 | 25 | 1203550 | 1203530 | 25 |
| 50 | UFW/UFW | 54,2 | 46,9 | 1206552 | 1206532 | 25 | 1203562 | 1203532 | 25 |

PP-BS

**Normalprofil
AHW
High Flex**

RoHS

Material:
Polypropylen mit Brandschutz

Temperaturbereich:
3000 h: -40°C bis 125°C
500 h: -40°C bis 135°C
240 h: -40°C bis 150°C

Flammenschutz:

- UL 94: HB
- nach FMVSS 302: selbstverlöschend

Farbe(n)/Ausführungen:

- Schwarz, weitere auf Anfrage
- Stücklängen auf Anfrage

PP-BS

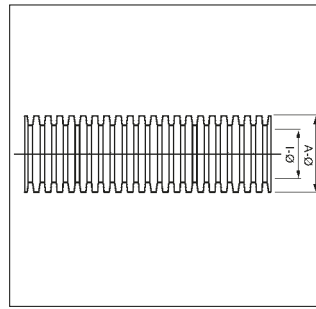
**Normal Profile
AHW
High Flex**

Eigenschaften:

- Hohe Zähigkeit
- Biegewechselfeständig
- Sehr hohe Kälteschlagzähigkeit
- UV-beständig

Anwendungsbereiche:

- Fahrzeugbau
- Innenraum, Karosserie und Motor
- AHW-Profil: für kleine Biegeradien besonders geeignet



Material:
Polypropylene with fire protection

Temperature range:
3000 h: -40°C to 125°C
500 h: -40°C to 135°C
240 h: -40°C to 150°C

Inflammability:

- UL 94: HB
- acc. to FMVSS 302: selfextinguishing

Colour(s)/Designs:

- Black, others on request
- Cutted lengths on request

Characteristics:

- High strength
- Bending stabile
- Very high cold impact strength
- UV resistant

Applications:

- Vehicle Industries
- Interior, chassis and body section
- AHW-Profil: for small bending radii recommended

| NW | Profil | A mm | l mm | Container / Container | | | | Ring / Coil | | |
|-----|---------------------|------|------|-----------------------------|-------|-------------------------------|-------|-----------------------------|-------------------------------|-----|
| | | | | Art.-Nr. geschlitzt schwarz | m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. geschlitzt schwarz | Art.-Nr. ungeschlitzt schwarz | m |
| NW | profile | A mm | l mm | Art. no. slit black | m | Art. no. unslit black | m | Art. no. slit black | Art. no. unslit black | m |
| 3 | Normal/normal | 5,1 | 2,8 | 1930403 | 18000 | 1930103 | 18000 | 1930303 | 1930003 | 200 |
| 4,5 | Normal/normal | 7,1 | 5,0 | 1930404 | 10000 | 1930104 | 9000 | 1930304 | 1930004 | 100 |
| 6 | Normal/normal | 9,2 | 6,0 | 1930406 | 5000 | 1930106 | 5000 | 1930306 | 1930006 | 100 |
| 7,5 | Normal/normal | 9,9 | 6,9 | 1930407 | 5000 | 1930107 | 5000 | 1930307 | 1930007 | 50 |
| 8,5 | Normal/normal | 11,6 | 8,5 | 1930408 | 4000 | 1930108 | 3000 | 1930308 | 1930008 | 50 |
| 10 | Normal/normal | 12,7 | 10,1 | 1930410 | 3300 | 1930110 | 3000 | 1930310 | 1930010 | 50 |
| 12 | Normal/normal | 15,6 | 12,0 | 1930412 | 2200 | 1930112 | 2200 | 1930312 | 1930012 | 50 |
| 13 | Normal/normal | 15,8 | 12,9 | 1930413 | 2200 | 1930113 | 2000 | 1930313 | 1930013 | 50 |
| 14 | Normal/normal | 18,3 | 14,5 | 1930414 | 1700 | 1930114 | 1700 | 1930314 | 1930014 | 50 |
| 16 | Normal/normal | 18,8 | 15,2 | 1930416 | 1700 | 1930116 | 1700 | 1930316 | 1930016 | 50 |
| 17 | Normal/normal | 21,0 | 16,8 | 1930417 | 1300 | 1930117 | 1100 | 1930317 | 1930017 | 50 |
| 19 | Normal/normal | 24,0 | 19,4 | 1930419 | 1000 | 1930119 | 800 | 1930319 | 1930019 | 50 |
| 22 | Normal/normal | 25,5 | 21,8 | 1930422 | 900 | 1930122 | 700 | 1930322 | 1930022 | 50 |
| 23 | Normal/normal | 28,0 | 23,7 | 1930423 | 700 | 1930123 | 650 | 1930323 | 1930023 | 50 |
| 26 | Normal/normal | 31,3 | 26,4 | 1930426 | 600 | 1930126 | 600 | 1930326 | 1930026 | 25 |
| 29 | Normal/normal | 33,9 | 29,3 | 1930429 | 500 | 1930129 | 450 | 1930329 | 1930029 | 25 |
| 37 | Normal/normal | 42,0 | 36,7 | 1930437 | 300 | 1930137 | 250 | 1930337 | 1930037 | 25 |
| 50 | Normal/normal | 53,6 | 47,8 | 1930450 | 200 | 1930150 | 150 | 1930350 | 1930050 | 25 |
| 4,5 | AHW/AHW | 7,1 | 5,0 | 1929404 | 10000 | 1929104 | 9000 | 1929304 | 1929004 | 100 |
| 6 | AHW/AHW | 9,2 | 6,0 | 1929406 | 5000 | 1929106 | 5000 | 1929306 | 1929006 | 100 |
| 8,5 | AHW/AHW | 12,9 | 8,5 | 1929408 | 3300 | 1929108 | 3000 | 1929308 | 1929008 | 50 |
| 11 | AHW/AHW | 15,7 | 11,1 | 1929411 | 2200 | 1929111 | 2000 | 1929311 | 1929011 | 50 |
| 15 | AHW/AHW | 21,2 | 15,0 | 1929415 | 1300 | 1929115 | 1100 | 1929315 | 1929015 | 50 |
| 19 | AHW/AHW | 25,7 | 19,1 | 1929419 | 900 | 1929119 | 700 | 1929319 | 1929019 | 50 |
| 26 | AHW/AHW | 31,4 | 26,3 | 1929426 | 500 | 1929126 | 450 | 1929326 | 1929026 | 25 |
| 34 | AHW/AHW | 39,5 | 34,1 | 1929434 | 300 | 1929134 | 250 | 1929334 | 1929034 | 25 |
| 13 | High Flex/High Flex | 18,4 | 13,9 | 1930143 | 1700 | 1930133 | 1700 | 1930243 | 1930233 | 50 |
| 19 | High Flex/High Flex | 24,0 | 18,8 | 1930439 | 900 | 1930339 | 700 | 1930239 | 1930139 | 50 |
| 23 | High Flex/High Flex | 28,5 | 23,5 | 1930163 | 500 | 1930153 | 500 | 1930263 | 1930253 | 50 |

PP-BS

UFW
JIS

RoHS

Material:
Polypropylen mit Brandschutz

Temperaturbereich:
3000 h: -40°C bis 125°C
500 h: -40°C bis 135°C
240 h: -40°C bis 150°C

Flammschutz:
• UL 94: HB
• nach FMVSS 302: selbstverlöschend

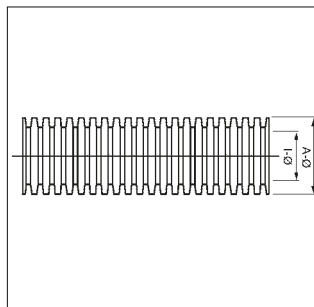
Farbe(n)/Ausführungen:
• Schwarz, weitere auf Anfrage
• Stücklängen auf Anfrage

PP-BS

UFW
JIS

Eigenschaften:
• Hohe Zähigkeit
• Biegewechselbeständig
• Sehr hohe Kälteschlagzähigkeit
• UV-beständig

Anwendungsbereiche:
• Fahrzeugbau
• Innenraum, Karosserie und Motor
• AHW-Profil: für kleine Biegeradien besonders geeignet



Material:
Polypropylene with fire protection

Temperature range:
3000 h: -40°C to 125°C
500 h: -40°C to 135°C
240 h: -40°C to 150°C

Inflammability:
• UL 94: HB
• acc. to FMVSS 302: selfextinguishing

Colour(s)/Designs:
• Black, others on request
• Cutted lengths on request

Characteristics:
• High strength
• Bending stabile
• Very high cold impact strength
• UV resistant

Applications:
• Vehicle Industries
• Interior, chassis and body section
• AHW-Profil: for small bending radii recommended

| NW | Profil | A mm | l mm | Container / Container | | | | Ring/Coil | | |
|-----|---------|------|------|-----------------------------|-------|-------------------------------|------|-----------------------------|-------------------------------|-----|
| | | | | Art.-Nr. geschlitzt schwarz | m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. geschlitzt schwarz | Art.-Nr. ungeschlitzt schwarz | m |
| NW | profile | A mm | l mm | Art. no. slit black | m | Art. no. unslit black | m | Art. no. slit black | Art. no. unslit black | m |
| 4,5 | UFW/UFW | 7,2 | 4,7 | 1967944 | 10000 | 1967904 | 9000 | 1967844 | 1967744 | 100 |
| 7,5 | UFW/UFW | 10,0 | 6,4 | 1967947 | 5000 | 1967907 | 5000 | 1967847 | 1967747 | 50 |
| 8,5 | UFW/UFW | 11,9 | 8,4 | 1967948 | 4000 | 1967908 | 3300 | 1967848 | 1967748 | 50 |
| 10 | UFW/UFW | 13,0 | 9,3 | 1967950 | 3300 | 1967910 | 3000 | 1967850 | 1967750 | 50 |
| 13 | UFW/UFW | 15,8 | 12,4 | 1967953 | 2200 | 1967913 | 2000 | 1967853 | 1967753 | 50 |
| 17 | UFW/UFW | 21,1 | 16,2 | 1967957 | 1300 | 1967917 | 1100 | 1967857 | 1967757 | 50 |
| 19 | UFW/UFW | 23,6 | 18,8 | 1967959 | 700 | 1967919 | 900 | 1967859 | 1967759 | 50 |
| 22 | UFW/UFW | 25,5 | 20,1 | 1967962 | 800 | 1967922 | 700 | 1967862 | 1967762 | 50 |
| 23 | UFW/UFW | 28,5 | 22,6 | 1967963 | 700 | 1967923 | 650 | 1967863 | 1967763 | 50 |
| 26 | UFW/UFW | 31,4 | 25,1 | 1967966 | 600 | 1967926 | 600 | 1967866 | 1967766 | 25 |
| 29 | UFW/UFW | 34,5 | 28,5 | 1967969 | 500 | 1967929 | 450 | 1967869 | 1967769 | 25 |
| 37 | UFW/UFW | 42,2 | 35,5 | 1967977 | 300 | 1967937 | 250 | 1967877 | 1967777 | 25 |
| 5F | JIS/JIS | 7,8 | 5,4 | 1997155 | 5000 | 1997205 | 5000 | 1997105 | 1997005 | 100 |
| 7F | JIS/JIS | 10,2 | 7,4 | 1997157 | 5000 | 1997207 | 4000 | 1997107 | 1997007 | 50 |
| 10F | JIS/JIS | 14,1 | 10,7 | 1997160 | 2200 | 1997210 | 2200 | 1997110 | 1997010 | 50 |
| 13F | JIS/JIS | 17,5 | 13,2 | 1997163 | 1700 | 1997213 | 1700 | 1997113 | 1997013 | 50 |
| 15F | JIS/JIS | 19,5 | 15,2 | 1997165 | 1500 | 1997215 | 1500 | 1997115 | 1997015 | 50 |
| 19F | JIS/JIS | 23,8 | 19,5 | 1997169 | 900 | 1997219 | 900 | 1997119 | 1997019 | 50 |
| 22F | JIS/JIS | 27,0 | 22,1 | 1997172 | 600 | 1997222 | 600 | 1997122 | 1997022 | 50 |
| 25F | JIS/JIS | 30,0 | 25,1 | 1997175 | 500 | 1997225 | 500 | 1997125 | 1997025 | 25 |
| 28F | JIS/JIS | 34,0 | 28,2 | 1997178 | 500 | 1997228 | 500 | 1997128 | 1997028 | 25 |

PPmod

Normalprofil
AHW
UFW

RoHS

ADR GGVS
(UFW)

Material:

Polypropylen modifiziert

Temperaturbereich:

3000 h: -40°C bis 135°C
500 h: -40°C bis 150°C

Flammschutz:

- nach FMVSS 302: selbstverlöschend
- Brennrate 0 nach DIN 75200

Farbe(n)/Ausführungen:

- Schwarz, auf Anfrage: blau, orange, grau, rot, gelb
- Stücklängen auf Anfrage

PPmod

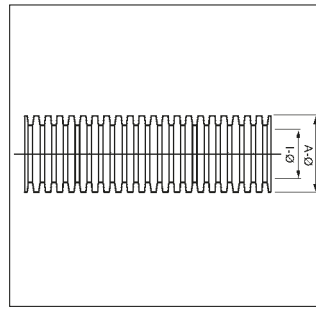
Normal Profile
AHW
UFW

Eigenschaften:

- Längsschlitz bleibt nach Montage geschlossen
- Gewichtersparnis durch kleinste NW
- Kein Unterwickeln bei Verzweigungen und Kabelenden erforderlich

Anwendungsbereiche:

- Fahrzeugbau
- Motorraum und Karosserie
- AHW-Profil: für kleine Biegeradien besonders geeignet



Material:

Polypropylene modified

Temperature range:

3000 h: -40°C to 135°C
500 h: -40°C to 150°C

Inflammability:

- acc. to FMVSS 302: selfextinguishing
- Burningrate 0 acc. to DIN 75200

Colour(s)/Designs:

- Black, on request: blue, orange, grey, red, yellow
- Cutted lengths on request

Characteristics:

- Longitudinal slit stays closed after assembly
- Reduction in weight by using the smallest NW
- No wrapping tape necessary at cable feeders or cable ends

Applications:

- Vehicle Industries
- Body section and chassis
- AHW-Profile: for small bending radii recommended

| NW | Profil | A mm | l mm | Container / Container | | Ring groß/Coil large | | Ring klein/Coil small | | | |
|-----|---------------|------|------|-----------------------------|-------|-------------------------------|-------|-----------------------------|-------------------------------|---------|-----|
| | | | | Art.-Nr. geschlitzt schwarz | m | Art.-Nr. ungeschlitzt schwarz | m | Art.-Nr. geschlitzt schwarz | Art.-Nr. ungeschlitzt schwarz | m | |
| NW | profile | A mm | l mm | Art. no. slit black | m | Art. no. unslit black | m | Art. no. slit black | Art. no. unslit black | m | |
| 3 | Normal/normal | 5,1 | 2,8 | 1950003 | 18000 | 1950053 | 18000 | - | 1926303 | 1926003 | 200 |
| 4,5 | Normal/normal | 7,1 | 5,0 | 1950004 | 10000 | 1950054 | 9000 | 1926251 | 1926304 | 1926004 | 100 |
| 6 | Normal/normal | 9,2 | 6,0 | 1950006 | 5000 | 1950055 | 5000 | 1926159 | 1926306 | 1926006 | 100 |
| 7,5 | Normal/normal | 9,9 | 6,9 | 1950007 | 5000 | 1950056 | 5000 | 1926157 | 1926307 | 1926007 | 50 |
| 8,5 | Normal/normal | 11,6 | 8,5 | 1950008 | 4000 | 1950057 | 3000 | 1926166 | 1926308 | 1926008 | 50 |
| 10 | Normal/normal | 12,7 | 10,1 | 1950010 | 3300 | 1950058 | 3000 | 1926098 | 1926310 | 1926100 | 50 |
| 12 | Normal/normal | 15,6 | 12,0 | 1950012 | 2200 | 1950059 | 2000 | 1926167 | 1926312 | 1926120 | 50 |
| 13 | Normal/normal | 15,8 | 12,9 | 1950013 | 2200 | 1950060 | 2000 | 1926133 | 1926313 | 1926130 | 50 |
| 14 | Normal/normal | 18,3 | 14,5 | 1950014 | 1700 | 1950061 | 1700 | 1926168 | 1926314 | 1926140 | 50 |
| 16 | Normal/normal | 18,8 | 15,2 | 1950016 | 1500 | 1950062 | 1500 | 1926169 | 1926316 | 1926160 | 50 |
| 17 | Normal/normal | 21,0 | 16,8 | 1950017 | 1300 | 1950063 | 1100 | 1926174 | 1926317 | 1926170 | 50 |
| 19 | Normal/normal | 24,0 | 19,4 | 1950019 | 1000 | 1950064 | 1000 | 1926177 | 1926319 | 1926190 | 50 |
| 22 | Normal/normal | 25,5 | 21,8 | 1950022 | 800 | 1950065 | 700 | 1926225 | 1926322 | 1926220 | 50 |
| 23 | Normal/normal | 28,0 | 23,7 | 1950023 | 700 | 1950066 | 700 | 1926178 | 1926323 | 1926223 | 50 |
| 26 | Normal/normal | 31,3 | 26,4 | 1950026 | 600 | 1950067 | 600 | 1926179 | 1926326 | 1926226 | 25 |
| 29 | Normal/normal | 33,9 | 29,3 | 1950029 | 500 | 1950068 | 500 | 1926180 | 1926329 | 1926229 | 25 |
| 37 | Normal/normal | 42,0 | 36,7 | 1950037 | 300 | 1950069 | 300 | 1926181 | 1926337 | 1926237 | 25 |
| 50 | Normal/normal | 53,6 | 47,8 | 1950050 | 200 | 1950070 | 200 | 1926182 | 1926350 | 1926250 | 25 |
| 4,5 | AHW/AHW | 7,1 | 5,0 | 1950104 | 10000 | 1950704 | 9000 | | 1927304 | 1927004 | 100 |
| 6 | AHW/AHW | 9,2 | 6,0 | 1950106 | 5000 | 1950706 | 5000 | | 1927306 | 1927006 | 100 |
| 8,5 | AHW/AHW | 12,9 | 8,5 | 1950108 | 3300 | 1950708 | 3000 | | 1927308 | 1927008 | 50 |
| 11 | AHW/AHW | 15,7 | 11,1 | 1950111 | 2200 | 1950711 | 2000 | | 1927311 | 1927110 | 50 |
| 15 | AHW/AHW | 21,2 | 15,0 | 1950115 | 1300 | 1950715 | 1100 | | 1927315 | 1927115 | 50 |
| 19 | AHW/AHW | 25,7 | 19,1 | 1950119 | 900 | 1950719 | 700 | | 1927319 | 1927119 | 50 |
| 26 | AHW/AHW | 31,4 | 26,3 | 1950126 | 500 | 1950726 | 450 | | 1927326 | 1927126 | 25 |
| 34 | AHW/AHW | 39,5 | 34,1 | 1950134 | 300 | 1950734 | 250 | | 1927334 | 1927134 | 25 |
| 4,5 | UFW/UFW | 7,2 | 4,7 | 1949344 | 10000 | 1949404 | 9000 | 1949004 | 1949304 | 1949204 | 100 |
| 7,5 | UFW/UFW | 10,0 | 6,4 | 1949347 | 5000 | 1949407 | 5000 | 1949007 | 1949307 | 1949207 | 50 |
| 8,5 | UFW/UFW | 11,9 | 8,4 | 1949348 | 4000 | 1949408 | 3300 | 1949008 | 1949308 | 1949208 | 50 |
| 10 | UFW/UFW | 13,0 | 9,3 | 1949350 | 3300 | 1949410 | 3000 | 1949010 | 1949310 | 1949210 | 50 |
| 13 | UFW/UFW | 15,8 | 12,4 | 1949353 | 2200 | 1949413 | 2000 | 1949013 | 1949313 | 1949213 | 50 |
| 17 | UFW/UFW | 21,1 | 16,2 | 1949357 | 1300 | 1949417 | 1100 | 1949017 | 1949317 | 1949217 | 50 |
| 19 | UFW/UFW | 23,6 | 18,8 | 1949359 | 900 | 1949419 | 700 | 1949019 | 1949319 | 1949219 | 50 |
| 22 | UFW/UFW | 25,5 | 20,1 | 1949362 | 800 | 1949422 | 700 | 1949022 | 1949322 | 1949222 | 50 |
| 23 | UFW/UFW | 28,5 | 22,6 | 1949363 | 700 | 1949423 | 650 | 1949023 | 1949323 | 1949223 | 50 |
| 26 | UFW/UFW | 31,4 | 25,1 | 1949366 | 600 | 1949426 | 600 | 1949026 | 1949326 | 1949226 | 25 |
| 29 | UFW/UFW | 34,5 | 28,5 | 1949369 | 500 | 1949429 | 450 | 1949029 | 1949329 | 1949229 | 25 |
| 37 | UFW/UFW | 42,2 | 35,5 | 1949377 | 300 | 1949437 | 250 | 1949038 | 1949337 | 1949237 | 25 |