

## US-M / P

🔥 **IP 40 bis IP 66 nach EN 60529**  
in Kombination mit dem entsprechenden Schutzschlauch

🌡️ **-40° C bis +125° C**  
mit Dichtring aus thermoplastischem Elastomer

🌡️ **-60° C bis +300° C**  
mit Dichtring aus PTFE  
speziell in Kombination mit FLEXAgraff® - SI-ASF

🌡️ **-40° C bis +250° C**  
mit Druckring aus Messing,  
speziell in Kombination mit FLEXAgraff® - CU-AS  
(EMV-Schutz)

### Konstruktion

Verschraubungsgehäuse mit Sechskantschlüsselfläche, feststehendes Anschlußgewinde **metrisch** nach EN 60423 oder **PG** DIN 40430, Sechskant-Druckmutter, Dichtring aus Kunststoff, zur Aufnahme der Innentüllen aus Metall u. Kunststoff.

### Werkstoff

**Gehäuse** Messing vernickelt

**Sechskant-Druckmutter**

Messing vernickelt

**Dichtring** Thermoplastisches Elastomer oder PTFE

**Innentülle** Messing blank oder vernickelt (je nach Schlauchtyp)

**Innentülle** Kunststoff

**O-Ring** NBR

### Eigenschaften

- Hoher Staub- u. Flüssigkeitsschutz
- kraftschlüssige Verbindung von Schlauch und Verschraubung
- einwandfreie Erdung
- Abdeckung der Schlauchenden
- vibrations- und zugfest

### Verwendung

Nach den Anwendungsvorschriften EN 60204 in allen Bereichen des Maschinen- und Anlagenbaues.

### Geeignet für Schlauchtypen

Alle Schutzschlauchtypen außer den Typen der Serien LIQUID TIGHT-EF, -UL, -CSA. Passende Schlauchtypen siehe Systemtabellen in den Schlauchkapiteln 2 und 3.

### Wichtig

Die Funktionssicherheit der Verschraubung ist nur mit entsprechenden Innentülle gewährleistet. Für EMV-Verwendung Montageanleitung beachten.

🔥 **IP 40 to IP 66 acc. to EN 60529**  
in combination with the corresponding protective conduit

🌡️ **-40° C up to +125° C**  
with sealing made of thermoplastic elastomer

🌡️ **-60° C up to +300° C**  
with PTFE seal, especially in combination with FLEXAgraff® - SI-ASF

🌡️ **-40° C up to +250° C**  
with brass thrust collar, especially in combination with FLEXAgraff® - CU-AS  
(EMC-protection)

### Structure

Connector body with hexagonal wrench surface, fixed rigid steel conduit connecting thread **metric** acc. to EN 60423 or **PG** acc. to DIN 40430, hexagon pressure nut, plastic seal, to receive FLEXA ferrules made of metal and plastic.

### Material

**Connector body** Nickel-plated brass

**Hexagonal pressure nut**

Nickel-plated brass

**Sealing ring** Thermoplastic elastomer or PTFE

**Ferrule** Polished or nickel-plated brass (depending on type of conduit)

**Ferrule** Plastic

**O-ring** NBR

### Properties

- Highly watertight and dustproof
- friction-type locking of conduit and screw connector
- correct grounding
- covered conduit ends
- vibration- and tensionproof

### Application

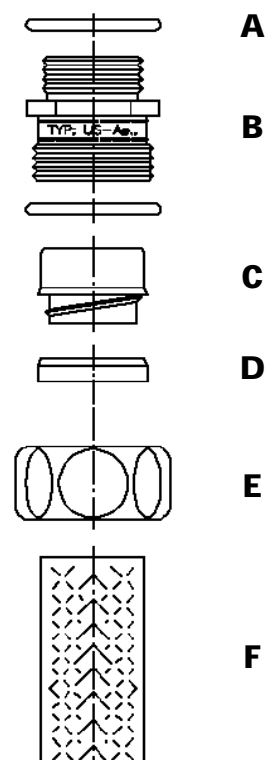
Acc. to the EN 60204 specifications applicable to all areas of machine and installation constructions.

### Suitable for conduit types

All protective conduit types except types of the LIQUID TIGHT-EF, -UL, -CSA series. For suitable conduit types please refer to the system table of conduit chapters 2 and 3.

### Important

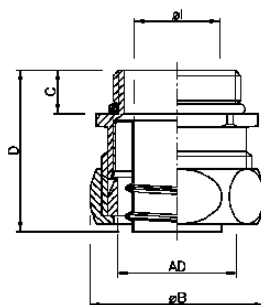
Security of the screwed conduit connector is only guaranteed with the corresponding ferrule. For EMC-usage please see assembly instructions.



- A =** O-Ring  
O-ring
- B =** Verschraubungsgehäuse  
Connector body
- C =** Tülle  
Ferrule
- D =** Messing-Druckring  
brass-thrust collar  
oder / or  
Dichtring  
Sealing ring
- E =** Druckmutter  
Pressure nut
- F =** Schlauch  
Conduit

**Sicherheits-Schlauchverschraubung mit Innentülle, Dichtring und O-Ring, metrisches Gewinde nach EN 60423 für alle wendelgewellten Schlauchtypen**

**Safety-type screwed conduit connector with ferrule, sealing and O-ring, metric thread acc. to EN 60423 for all strip-wound conduit types**



|                |                     | SPR-AS<br>SPR-MS-NI<br>SPR-VA |                          |                           | SPR-PA<br>SPR-PU-AS<br>SPR-ME-ASF |                          |                           | SPR-PVC / SPR-PVC-AS<br>SPR-EDU-AS<br>SPR-PVC-ASF |                           |                        |                                           |                        |                  |                                   |
|----------------|---------------------|-------------------------------|--------------------------|---------------------------|-----------------------------------|--------------------------|---------------------------|---------------------------------------------------|---------------------------|------------------------|-------------------------------------------|------------------------|------------------|-----------------------------------|
| Nenn-<br>größe | Gewinde<br>EN 60423 | Artikel-Nr.                   | Schlauch-<br>maße<br>mm  | Kleinst-<br>Innen-ø<br>mm | Artikel-Nr.                       | Schlauch-<br>maße<br>mm  | Kleinst-<br>Innen ø<br>mm | Größter<br>Außen ø<br>mm                          | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite<br>Gehäuse<br>mm           | Druck-<br>mutter<br>mm | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |
| Trade<br>size  | Thread<br>EN 60423  | Article no.                   | Conduit<br>dimens.<br>mm | Smallest<br>inner-ø<br>mm | Article no.                       | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm | Largest<br>outer ø<br>mm                          | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats<br>body<br>mm | pressure<br>nut<br>mm  | Packet<br>Units  | Weight kg<br>100 units<br>approx. |
| AD             | Metr.               |                               |                          | ø I                       |                                   |                          | ø I                       | ø B                                               | C                         | D                      | SW                                        | SW                     |                  |                                   |
| 10             | M 10 x 1,0          | 5010.327.010                  | 8 x 10                   | 6,5                       | 5010.328.010                      | 7 x 10                   | 6,0                       | 19                                                | 10                        | 31                     | 15                                        | 17                     | 50               | 1,50                              |
| 14             | M 12 x 1,5          | 5010.327.012                  | 11 x 14                  | 9,0                       | 5010.328.012                      | 10 x 14                  | 8,5                       | 23                                                | 10                        | 33                     | 19                                        | 21                     | 50               | 2,25                              |
| 17             | M 16 x 1,5          | 5010.327.016                  | 14 x 17                  | 12,5                      | 5010.328.016                      | 13 x 17                  | 11,5                      | 27                                                | 10                        | 33                     | 23                                        | 25                     | 50               | 3,00                              |
| 21             | M 20 x 1,5          | 5010.327.020                  | 18 x 21                  | 16,0                      | 5010.328.020                      | 17 x 21                  | 15,5                      | 31                                                | 10                        | 33                     | 27                                        | 29                     | 50               | 4,00                              |
| 27             | M 25 x 1,5          | 5010.327.025                  | 23 x 27                  | 21,0                      | 5010.328.025                      | 22 x 27                  | 20,5                      | 39                                                | 11                        | 41                     | 34                                        | 36                     | 25               | 7,60                              |
| 36             | M 32 x 1,5          | 5010.327.032                  | 31 x 36                  | 27,5                      | 5010.328.032                      | 29 x 36                  | 27,5                      | 48                                                | 13                        | 43                     | 43                                        | 45                     | 25               | 10,10                             |
| 45             | M 40 x 1,5          | 5010.327.040                  | 40 x 45                  | 35,0                      | 5010.328.040                      | 38 x 45                  | 35,0                      | 57                                                | 13                        | 43                     | 52                                        | 54                     | 20               | 13,00                             |
| 56             | M 50 x 1,5          | 5010.327.050                  | 51 x 56                  | 45,0                      | 5010.328.050                      | 49 x 56                  | 45,0                      | 70                                                | 14                        | 49                     | 63                                        | 66                     | 10               | 20,00                             |

### Kleine Verpackungseinheiten

### Small packing units

|           |                   |              |         |      |              |         |      |    |    |    |    |    |    |       |
|-----------|-------------------|--------------|---------|------|--------------|---------|------|----|----|----|----|----|----|-------|
| <b>10</b> | <b>M 10 x 1,0</b> | 5010.827.010 | 8 x 10  | 6,5  | 5010.828.010 | 7 x 10  | 6,0  | 19 | 10 | 31 | 15 | 17 | 10 | 1,50  |
| <b>14</b> | <b>M 12 x 1,5</b> | 5010.827.012 | 11 x 14 | 9,0  | 5010.828.012 | 10 x 14 | 8,5  | 23 | 10 | 33 | 19 | 21 | 10 | 2,25  |
| <b>17</b> | <b>M 16 x 1,5</b> | 5010.827.016 | 14 x 17 | 12,5 | 5010.828.016 | 13 x 17 | 11,5 | 27 | 10 | 33 | 23 | 25 | 10 | 3,00  |
| <b>21</b> | <b>M 20 x 1,5</b> | 5010.827.020 | 18 x 21 | 16,0 | 5010.828.020 | 17 x 21 | 15,5 | 31 | 10 | 33 | 27 | 29 | 10 | 4,00  |
| <b>27</b> | <b>M 25 x 1,5</b> | 5010.827.025 | 23 x 27 | 21,0 | 5010.828.025 | 22 x 27 | 20,5 | 39 | 11 | 41 | 34 | 36 | 10 | 7,60  |
| <b>36</b> | <b>M 32 x 1,5</b> | 5010.827.032 | 31 x 36 | 27,5 | 5010.828.032 | 29 x 36 | 27,5 | 48 | 13 | 43 | 43 | 45 | 2  | 10,10 |
| <b>45</b> | <b>M 40 x 1,5</b> | 5010.827.040 | 40 x 45 | 35,0 | 5010.828.040 | 38 x 45 | 35,0 | 57 | 13 | 43 | 52 | 54 | 2  | 13,00 |
| <b>56</b> | <b>M 50 x 1,5</b> | 5010.827.050 | 51 x 56 | 45,0 | 5010.828.050 | 49 x 56 | 45,0 | 70 | 14 | 49 | 63 | 66 | 2  | 20,00 |

### FLEXAgraff® - AS

### FLEXAgraff® - PU-AS

| <b>Nenn-<br/>größe</b> | Gewinde<br>EN 60423 | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinst-<br>Innen-ø<br>mm | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinst-<br>Innen ø<br>mm | Größter<br>Außen ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite<br>mm           | mm        | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |
|------------------------|---------------------|--------------|--------------------------|---------------------------|--------------|--------------------------|---------------------------|--------------------------|---------------------------|------------------------|--------------------------------|-----------|------------------|-----------------------------------|
| <b>Trade<br/>size</b>  | Thread<br>EN 60423  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner-ø<br>mm | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm | body      | pressure nut     | Weight kg<br>100 units<br>approx. |
| <b>AD</b>              | <b>Metr.</b>        |              |                          | <b>ø I</b>                |              |                          | <b>ø I</b>                | <b>ø B</b>               | <b>C</b>                  | <b>D</b>               | <b>SW</b>                      | <b>SW</b> |                  |                                   |
| <b>10</b>              | <b>M 10 x 1,0</b>   | 5010.327.010 | 8 x 10                   | 6,5                       | 5010.328.010 | 7 x 10                   | 6,0                       | 19                       | 10                        | 31                     | 15                             | 17        | 50               | 1,50                              |
| <b>14</b>              | <b>M 12 x 1,5</b>   | 5010.339.012 | 12 x 14                  | 9,0                       | 5010.327.012 | 11 x 14                  | 9,0                       | 23                       | 10                        | 33                     | 19                             | 21        | 50               | 2,25                              |
| <b>17</b>              | <b>M 16 x 1,5</b>   | 5010.327.016 | 14 x 17                  | 12,5                      | 5010.328.016 | 13 x 17                  | 11,5                      | 27                       | 10                        | 33                     | 23                             | 25        | 50               | 3,00                              |
| <b>21</b>              | <b>M 20 x 1,5</b>   | 5010.327.020 | 18 x 21                  | 16,5                      | 5010.328.020 | 17 x 21                  | 15,5                      | 31                       | 10                        | 33                     | 27                             | 29        | 50               | 4,00                              |
| <b>27</b>              | <b>M 25 x 1,5</b>   | 5010.339.025 | 24 x 27                  | 21,0                      | 5010.340.025 | 23 x 27                  | 20,5                      | 39                       | 11                        | 41                     | 34                             | 36        | 25               | 7,60                              |
| <b>36</b>              | <b>M 32 x 1,5</b>   | 5010.327.032 | 31 x 36                  | 27,5                      | 5010.328.032 | 29 x 36                  | 27,5                      | 48                       | 13                        | 43                     | 43                             | 45        | 25               | 10,10                             |
| <b>45</b>              | <b>M 40 x 1,5</b>   | 5010.327.040 | 40 x 45                  | 35,0                      | 5010.328.040 | 38 x 45                  | 35,0                      | 57                       | 13                        | 43                     | 52                             | 54        | 20               | 13,00                             |
| <b>56</b>              | <b>M 50 x 1,5</b>   | 5010.327.050 | 51 x 56                  | 45,0                      | 5010.328.050 | 49 x 56                  | 45,0                      | 70                       | 14                        | 49                     | 63                             | 66        | 10               | 20,00                             |



## SPR-PVC-EDU-AS SPR-EDU-PVC SPR-HI-EDU

## AIRflex® - KUW-EDU

| Nenn-<br>größe | Gewinde<br>EN 60423 | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinster<br>Innen-ø<br>mm | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinster<br>Innen-ø<br>mm | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite<br>Gehäuse mm   | Druck-<br>mutter | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |
|----------------|---------------------|--------------|--------------------------|----------------------------|--------------|--------------------------|----------------------------|--------------------------|---------------------------|------------------------|--------------------------------|------------------|------------------|-----------------------------------|
| Trade<br>size  | Thread<br>EN 60423  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm | Pressure<br>nut  | Packet<br>Units  | Weight kg<br>100 units<br>approx. |
| AD             | Metr.               |              |                          | ø I                        |              |                          | ø I                        | ø B                      | C                         | D                      | SW                             | SW               |                  |                                   |
| 14             | M 12 x 1,5          | 5010.328.012 | 9 x 14                   | 8,5                        | 5010.328.012 | 9 x 14                   | 8,5                        | 23                       | 10                        | 33                     | 19                             | 21               | 50               | 2,25                              |
| 17             | M 16 x 1,5          | 5010.335.016 | 12 x 17                  | 11,0                       | 5010.335.016 | 12 x 17                  | 11,0                       | 27                       | 10                        | 33                     | 23                             | 25               | 50               | 3,00                              |
| 21             | M 20 x 1,5          | 5010.335.020 | 16 x 21                  | 14,5                       | 5010.335.020 | 15 x 21                  | 14,5                       | 31                       | 10                        | 33                     | 27                             | 29               | 50               | 4,00                              |
| 27             | M 25 x 1,5          | 5010.301.025 | 21 x 27                  | 19,5                       | 5010.335.025 | 20 x 27                  | 19,5                       | 39                       | 11                        | 41                     | 34                             | 36               | 25               | 7,60                              |
| 36             | M 32 x 1,5          | 5010.328.032 | 28 x 36                  | 27,5                       | 5010.328.032 | 28 x 36                  | 27,5                       | 48                       | 13                        | 43                     | 43                             | 45               | 25               | 10,10                             |
| 45             | M 40 x 1,5          | 5010.335.040 | 37 x 45                  | 35,0                       | 5010.335.040 | 37 x 45                  | 35,0                       | 57                       | 13                        | 43                     | 52                             | 54               | 20               | 13,00                             |
| 56             | M 50 x 1,5          | 5010.335.050 | 48 x 56                  | 45,0                       | 5010.335.050 | 48 x 56                  | 45,0                       | 70                       | 14                        | 49                     | 63                             | 66               | 10               | 20,00                             |

## AIRflex® - KUW-PVC-AS AIRflex® - KUW-PU-AS AIRflex® - GRS AIRflex® - K

## FLEXAgraff® - SI-ASF

| Nenn-<br>größe | Gewinde<br>EN 60423 | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinster<br>Innen-ø<br>mm | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinster<br>Innen-ø<br>mm | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite<br>Gehäuse mm   | Druck-<br>mutter | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |
|----------------|---------------------|--------------|--------------------------|----------------------------|--------------|--------------------------|----------------------------|--------------------------|---------------------------|------------------------|--------------------------------|------------------|------------------|-----------------------------------|
| Trade<br>size  | Thread<br>EN 60423  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm | Pressure<br>nut  | Packet<br>Units  | Weight kg<br>100 units<br>approx. |
| AD             | Metr.               |              |                          | ø I                        |              |                          | ø I                        | ø B                      | C                         | D                      | SW                             | SW               |                  |                                   |
| 10             | M 10 x 1,0          | 5010.330.010 | 7 x 10                   | 6,0                        | 5010.337.010 | 6 x 10                   | 5,0                        | 19                       | 10                        | 31                     | 15                             | 17               | 50               | 1,50                              |
| 14             | M 12 x 1,5          | 5010.330.012 | 10 x 14                  | 9,0                        | 5010.337.012 | 10 x 14                  | 9,0                        | 23                       | 10                        | 33                     | 19                             | 21               | 50               | 2,25                              |
| 17             | M 16 x 1,5          | 5010.330.016 | 13 x 17                  | 11,5                       | 5010.337.016 | 12 x 17                  | 10,5                       | 27                       | 10                        | 33                     | 23                             | 25               | 50               | 3,00                              |
| 21             | M 20 x 1,5          | 5010.330.020 | 16 x 21                  | 14,5                       | 5010.335.020 | 16 x 21                  | 14,5                       | 31                       | 10                        | 33                     | 27                             | 29               | 50               | 4,00                              |
| 27             | M 25 x 1,5          | 5010.330.025 | 21 x 27                  | 19,5                       | 5010.301.025 | 21 x 27                  | 19,5                       | 39                       | 11                        | 41                     | 34                             | 36               | 25               | 7,60                              |
| 36             | M 32 x 1,5          | 5010.330.032 | 29 x 36                  | 26,5                       | 5010.337.032 | 27 x 36                  | 26,5                       | 48                       | 13                        | 43                     | 43                             | 45               | 25               | 10,10                             |
| 45             | M 40 x 1,5          | 5010.330.040 | 38 x 45                  | 35,0                       | 5010.337.040 | 36 x 45                  | 34,5                       | 57                       | 13                        | 43                     | 52                             | 54               | 20               | 13,00                             |
| 56             | M 50 x 1,5          | 5010.330.050 | 48 x 56                  | 45,0                       | 5010.337.050 | 47 x 56                  | 45,0                       | 70                       | 14                        | 49                     | 63                             | 66               | 10               | 20,00                             |

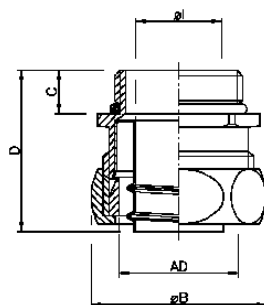
## Kleine Verpackungseinheiten

## Small packing units

|    |            |              |         |      |  |  |  |    |    |    |    |    |    |       |
|----|------------|--------------|---------|------|--|--|--|----|----|----|----|----|----|-------|
| 10 | M 10 x 1,0 | 5010.830.010 | 7 x 10  | 6,0  |  |  |  | 19 | 10 | 31 | 15 | 17 | 10 | 1,50  |
| 14 | M 12 x 1,5 | 5010.830.012 | 10 x 14 | 9,0  |  |  |  | 23 | 10 | 33 | 19 | 21 | 10 | 2,25  |
| 17 | M 16 x 1,5 | 5010.830.016 | 13 x 17 | 11,5 |  |  |  | 27 | 10 | 33 | 23 | 25 | 10 | 3,00  |
| 21 | M 20 x 1,5 | 5010.830.020 | 16 x 21 | 14,5 |  |  |  | 31 | 10 | 33 | 27 | 29 | 10 | 4,00  |
| 27 | M 25 x 1,5 | 5010.830.025 | 21 x 27 | 19,5 |  |  |  | 39 | 11 | 41 | 34 | 36 | 10 | 7,60  |
| 36 | M 32 x 1,5 | 5010.830.032 | 29 x 36 | 26,5 |  |  |  | 48 | 13 | 43 | 43 | 45 | 2  | 10,10 |
| 45 | M 40 x 1,5 | 5010.830.040 | 38 x 45 | 35,0 |  |  |  | 57 | 13 | 43 | 52 | 54 | 2  | 13,00 |
| 56 | M 50 x 1,5 | 5010.830.050 | 48 x 56 | 45,0 |  |  |  | 70 | 14 | 49 | 63 | 66 | 2  | 20,00 |

**Sicherheits-Schlauchverschraubung mit Innentülle, Dichtring und O-Ring, metrisches Gewinde nach EN 60423 für alle wendelgewellten Schlauchtypen**

**Safety-type screwed conduit connector with ferrule, sealing and O-ring, metric thread acc. to EN 60423 for all strip-wound conduit types**



### K-EDU

| Nenn-<br>größe | Gewinde<br>EN 60423 | Artikel-Nr.  | Schlauch-<br>maße<br>mm     | Kleinsten<br>Innen-ø<br>mm | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite mm<br>Gehäuse<br>Druck-<br>mutter         | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |       |
|----------------|---------------------|--------------|-----------------------------|----------------------------|--------------------------|---------------------------|------------------------|----------------------------------------------------------|------------------|-----------------------------------|-------|
| Trade<br>size  | Thread<br>EN 60423  | Article no.  | Conduit<br>dimensions<br>mm | Smallest<br>inner ø<br>mm  | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm<br>body      pressure nut | Packet<br>Units  | Weight kg<br>100 units<br>approx. |       |
| AD             | Metr.               |              |                             | ø I                        | ø B                      | C                         | D                      | SW                                                       | SW               |                                   |       |
| 10             | M 10 x 1,0          | 5010.332.010 | 6 x 10                      | 6,0                        | 19                       | 10                        | 31                     | 15                                                       | 17               | 50                                | 1,50  |
| 14             | M 12 x 1,5          | 5010.332.012 | 9 x 14                      | 8,5                        | 23                       | 10                        | 33                     | 19                                                       | 21               | 50                                | 2,25  |
| 17             | M 16 x 1,5          | 5010.332.016 | 12 x 17                     | 11,5                       | 27                       | 10                        | 33                     | 23                                                       | 25               | 50                                | 3,00  |
| 21             | M 20 x 1,5          | 5010.332.020 | 16 x 21                     | 15,5                       | 31                       | 10                        | 33                     | 27                                                       | 29               | 50                                | 4,00  |
| 27             | M 25 x 1,5          | 5010.332.025 | 21 x 27                     | 20,5                       | 39                       | 11                        | 41                     | 34                                                       | 36               | 25                                | 7,60  |
| 36             | M 32 x 1,5          | 5010.332.032 | 28 x 36                     | 27,5                       | 48                       | 13                        | 43                     | 43                                                       | 45               | 25                                | 10,10 |
| 45             | M 40 x 1,5          | 5010.332.040 | 37 x 45                     | 35,0                       | 57                       | 13                        | 43                     | 52                                                       | 54               | 20                                | 13,00 |
| 56             | M 50 x 1,5          | 5010.332.050 | 48 x 56                     | 45,0                       | 70                       | 14                        | 49                     | 63                                                       | 66               | 10                                | 20,00 |

**mit MSD (EMV)  
with MSD (EMC)**



### FLEXAgraff® - CU-AS

### SPR-CU-AS

| Nenn-<br>größe | Gewinde<br>EN 60423 | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinsten<br>Innen-ø<br>mm | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinsten<br>Innen-ø<br>mm | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite mm<br>Gehäuse<br>Druck-<br>mutter       | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |       |
|----------------|---------------------|--------------|--------------------------|----------------------------|--------------|--------------------------|----------------------------|--------------------------|---------------------------|------------------------|--------------------------------------------------------|------------------|-----------------------------------|-------|
| Trade<br>size  | Thread<br>EN 60423  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm<br>body<br>pressure nut | Packet<br>Units  | Weight kg<br>100 units<br>approx. |       |
| AD             | Metr.               |              |                          | ø I                        |              |                          | ø I                        | ø B                      | C                         | D                      | SW                                                     | SW               |                                   |       |
| 10             | M 10 x 1,0          | 5011.328.010 | 7 x 10                   | 6,0                        | 5011.328.010 | 7 x 10                   | 6,0                        | 19                       | 10                        | 31                     | 15                                                     | 17               | 50                                | 1,68  |
| 14             | M 12 x 1,5          | 5011.327.012 | 11 x 14                  | 9,0                        | 5011.328.012 | 10 x 14                  | 8,5                        | 23                       | 10                        | 33                     | 19                                                     | 21               | 50                                | 3,16  |
| 17             | M 16 x 1,5          | 5011.328.016 | 13 x 17                  | 11,5                       | 5011.328.016 | 13 x 17                  | 11,0                       | 27                       | 10                        | 33                     | 23                                                     | 25               | 50                                | 4,14  |
| 21             | M 20 x 1,5          | 5011.328.020 | 17 x 21                  | 16,0                       | 5011.328.020 | 17 x 21                  | 15,5                       | 31                       | 10                        | 33                     | 27                                                     | 29               | 50                                | 5,38  |
| 27             | M 25 x 1,5          | 5011.340.025 | 23 x 27                  | 21,0                       | 5011.328.025 | 22 x 27                  | 20,5                       | 39                       | 11                        | 41                     | 34                                                     | 36               | 25                                | 10,00 |
| 36             | M 32 x 1,5          | 5011.328.032 | 29 x 36                  | 27,5                       | 5011.328.032 | 29 x 36                  | 27,5                       | 48                       | 13                        | 43                     | 43                                                     | 45               | 25                                | 11,15 |
| 45             | M 40 x 1,5          | 5011.328.040 | 37 x 38                  | 35,0                       | 5011.328.040 | 38 x 45                  | 35,0                       | 57                       | 13                        | 43                     | 52                                                     | 54               | 20                                | 18,18 |
| 56             | M 50 x 1,5          | 5011.328.050 | 49 x 56                  | 45,0                       | 5011.328.050 | 51 x 56                  | 45,0                       | 70                       | 14                        | 49                     | 63                                                     | 66               | 10                                | 23,60 |



**SPR-AS  
SPR-MS-NI  
SPR-VA**

**SPR-PA  
SPR-PU-AS  
SPR-ME-ASF**

**SPR-PVC / SPR-PVC-AS  
SPR-EDU-AS  
SPR-PVC-ASF**

| Nenn-<br>größe | Gewinde<br>DIN 40430 | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinst-<br>Innen-ø<br>mm | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinst-<br>Innen-ø<br>mm | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite<br>Gehäuse mm           | Druck-<br>mutter mm | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |
|----------------|----------------------|--------------|--------------------------|---------------------------|--------------|--------------------------|---------------------------|--------------------------|---------------------------|------------------------|----------------------------------------|---------------------|------------------|-----------------------------------|
| Trade<br>size  | Thread<br>DIN 40430  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm<br>body | pressure nut        | Packet<br>Units  | Weight kg<br>100 units<br>approx. |
| AD             | PG                   |              | ø I                      |                           |              | ø I                      |                           | ø B                      | C                         | D                      | SW                                     | SW                  |                  |                                   |
| <b>10</b>      | <b>7</b>             | 5010.127.007 | 8 x 10                   | 6,5                       | 5010.128.007 | 7 x 10                   | 6,0                       | 19                       | 7                         | 28                     | 15                                     | 17                  | 50               | 1,5                               |
| <b>14</b>      | <b>9</b>             | 5010.127.009 | 11 x 14                  | 10,0                      | 5010.128.009 | 10 x 14                  | 8,5                       | 23                       | 7                         | 30                     | 19                                     | 21                  | 50               | 2,3                               |
| <b>17</b>      | <b>11</b>            | 5010.127.011 | 14 x 17                  | 12,5                      | 5010.128.011 | 13 x 17                  | 11,5                      | 27                       | 7                         | 30                     | 23                                     | 25                  | 50               | 3,0                               |
| <b>19</b>      | <b>13,5</b>          | 5010.127.013 | 16 x 19                  | 14,5                      | 5010.128.013 | 15 x 19                  | 13,5                      | 29                       | 7                         | 30                     | 25                                     | 27                  | 50               | 3,5                               |
| <b>21</b>      | <b>16</b>            | 5010.127.016 | 18 x 21                  | 16,0                      | 5010.128.016 | 17 x 21                  | 15,5                      | 31                       | 7                         | 30                     | 27                                     | 29                  | 50               | 4,0                               |
| <b>27</b>      | <b>21</b>            | 5010.127.021 | 23 x 27                  | 21,5                      | 5010.128.021 | 22 x 27                  | 20,5                      | 39                       | 10                        | 40                     | 34                                     | 36                  | 25               | 7,6                               |
| <b>36</b>      | <b>29</b>            | 5010.127.029 | 31 x 36                  | 29,0                      | 5010.128.029 | 29 x 36                  | 27,5                      | 48                       | 10                        | 40                     | 43                                     | 45                  | 25               | 10,1                              |
| <b>45</b>      | <b>36</b>            | 5010.127.036 | 40 x 45                  | 38,0                      | 5010.128.036 | 38 x 45                  | 36,5                      | 57                       | 10                        | 40                     | 52                                     | 54                  | 20               | 13,0                              |
| <b>56</b>      | <b>48</b>            | 5010.127.048 | 51 x 56                  | 49,0                      | 5010.128.048 | 49 x 56                  | 47,5                      | 70                       | 10                        | 45                     | 63                                     | 66                  | 10               | 20,0                              |

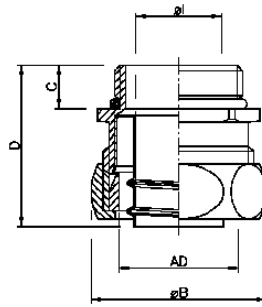
**Kleine Verpackungseinheiten**

**Small packing units**

|           |             |              |         |      |              |         |      |    |    |    |    |    |    |      |
|-----------|-------------|--------------|---------|------|--------------|---------|------|----|----|----|----|----|----|------|
| <b>10</b> | <b>7</b>    | 5010.427.007 | 8 x 10  | 6,5  | 5010.428.007 | 7 x 10  | 6,0  | 19 | 7  | 28 | 15 | 17 | 10 | 1,5  |
| <b>14</b> | <b>9</b>    | 5010.427.009 | 11 x 14 | 10,0 | 5010.428.009 | 10 x 14 | 8,5  | 23 | 7  | 30 | 19 | 21 | 10 | 2,3  |
| <b>17</b> | <b>11</b>   | 5010.427.011 | 14 x 17 | 12,5 | 5010.428.011 | 13 x 17 | 11,5 | 27 | 7  | 30 | 23 | 25 | 10 | 3,0  |
| <b>19</b> | <b>13,5</b> | 5010.427.013 | 16 x 19 | 14,5 | 5010.428.013 | 15 x 19 | 13,5 | 29 | 7  | 30 | 25 | 27 | 10 | 3,5  |
| <b>21</b> | <b>16</b>   | 5010.427.016 | 18 x 21 | 16,0 | 5010.428.016 | 17 x 21 | 15,5 | 31 | 7  | 30 | 27 | 29 | 10 | 4,0  |
| <b>27</b> | <b>21</b>   | 5010.427.021 | 23 x 27 | 21,5 | 5010.428.021 | 22 x 27 | 20,5 | 39 | 10 | 40 | 34 | 36 | 10 | 7,6  |
| <b>36</b> | <b>29</b>   | 5010.427.029 | 31 x 36 | 29,0 | 5010.428.029 | 29 x 36 | 27,5 | 48 | 10 | 40 | 43 | 45 | 2  | 10,1 |
| <b>45</b> | <b>36</b>   | 5010.427.036 | 40 x 45 | 38,0 | 5010.428.036 | 38 x 45 | 36,5 | 57 | 10 | 40 | 52 | 54 | 2  | 13,0 |
| <b>56</b> | <b>48</b>   | 5010.427.048 | 51 x 56 | 49,0 | 5010.428.048 | 49 x 56 | 47,5 | 70 | 10 | 45 | 63 | 66 | 2  | 20,0 |

**Sicherheits-Schlauchverschraubung mit Innentülle, Dichtring und O-Ring, PG Gewinde nach DIN 40430 für alle wendelgewellten Schlauchtypen**

**Safety-type screwed conduit connector with ferrule, sealing and O-ring, PG thread acc. to DIN 40430 for all strip-wound conduit types**



### FLEXAgraff® - AS

### FLEXAgraff® - PU-AS

| Nenn-<br>größe | Gewinde<br>DIN 40430 | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinst-<br>Innen-ø<br>mm | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinst-<br>Innen-ø<br>mm | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite mm<br>Gehäuse Druck-<br>mutter       | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |      |
|----------------|----------------------|--------------|--------------------------|---------------------------|--------------|--------------------------|---------------------------|--------------------------|---------------------------|------------------------|-----------------------------------------------------|------------------|-----------------------------------|------|
| Trade<br>size  | Thread<br>DIN 40430  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm<br>body pressure nut | Packet<br>Units  | Weight kg<br>100 units<br>approx. |      |
| AD             | PG                   |              | ø I                      |                           |              | ø I                      |                           | ø B                      | C                         | D                      | SW                                                  | SW               |                                   |      |
| 10             | 7                    | 5010.127.007 | 8 x 10                   | 6,5                       | 5010.128.007 | 7 x 10                   | 6,0                       | 19                       | 7                         | 28                     | 15                                                  | 17               | 50                                | 1,5  |
| 14             | 9                    | 5010.139.009 | 12 x 14                  | 10,5                      | 5010.127.009 | 11 x 14                  | 10,0                      | 23                       | 7                         | 30                     | 19                                                  | 21               | 50                                | 2,3  |
| 17             | 11                   | 5010.127.011 | 14 x 17                  | 12,5                      | 5010.128.011 | 13 x 17                  | 11,5                      | 27                       | 7                         | 30                     | 23                                                  | 25               | 50                                | 3,0  |
| 19             | 13,5                 | 5010.127.013 | 16 x 19                  | 14,5                      | 5010.128.013 | 15 x 19                  | 13,5                      | 29                       | 7                         | 30                     | 25                                                  | 27               | 50                                | 3,5  |
| 21             | 16                   | 5010.127.016 | 18 x 21                  | 16,5                      | 5010.128.016 | 17 x 21                  | 15,5                      | 31                       | 7                         | 30                     | 27                                                  | 29               | 50                                | 4,0  |
| 27             | 21                   | 5010.139.021 | 24 x 27                  | 22,5                      | 5010.140.021 | 23 x 27                  | 20,5                      | 39                       | 10                        | 40                     | 34                                                  | 36               | 25                                | 7,6  |
| 36             | 29                   | 5010.127.029 | 31 x 36                  | 29,5                      | 5010.128.029 | 29 x 36                  | 27,5                      | 48                       | 10                        | 40                     | 43                                                  | 45               | 25                                | 10,1 |
| 45             | 36                   | 5010.127.036 | 40 x 45                  | 38,0                      | 5010.128.036 | 38 x 45                  | 36,5                      | 57                       | 10                        | 40                     | 52                                                  | 54               | 20                                | 13,0 |
| 56             | 48                   | 5010.127.048 | 51 x 56                  | 49,0                      | 5010.128.048 | 49 x 56                  | 47,5                      | 70                       | 10                        | 45                     | 63                                                  | 66               | 10                                | 20,0 |

### SPR-PVC-EDU-AS SPR-EDU-PVC SPR-HI-EDU

### AIRflex® - KUW-EDU

| Nenn-<br>größe |      | Gewinde<br>DIN 40430 | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Artikel-Nr.  | Schlauch-<br>maße<br>mm   | Kleinst<br>Innen-ø<br>mm  | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite mm<br>Gehäuse<br>Druck-<br>mutter       | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |      |
|----------------|------|----------------------|--------------|--------------------------|--------------|---------------------------|---------------------------|--------------------------|---------------------------|------------------------|--------------------------------------------------------|------------------|-----------------------------------|------|
| Trade<br>size  |      | Thread<br>DIN 40430  | Article no.  | Conduit<br>dimens.<br>mm | Article no.  | Conduit-<br>dimens.<br>mm | Smallest<br>inner ø<br>mm | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm<br>body<br>pressure nut | Packet<br>Units  | Weight kg<br>100 units<br>approx. |      |
| AD             | PG   |                      |              |                          |              |                           | ø I                       | ø B                      | C                         | D                      | SW                                                     | SW               |                                   |      |
| 14             | 9    |                      | 5010.128.009 | 9 x 14                   | 5010.128.009 | 9 x 14                    | 8,5                       | 23                       | 7                         | 30                     | 19                                                     | 21               | 50                                | 2,3  |
| 17             | 11   |                      | 5010.135.011 | 12 x 17                  | 5010.135.011 | 12 x 17                   | 11,0                      | 27                       | 7                         | 30                     | 23                                                     | 25               | 50                                | 3,0  |
| 19             | 13,5 |                      | 5010.135.013 | 14 x 19                  | 5010.135.013 | 14 x 19                   | 13,0                      | 29                       | 7                         | 30                     | 25                                                     | 27               | 50                                | 3,5  |
| 21             | 16   |                      | 5010.135.016 | 16 x 21                  | 5010.135.016 | 15 x 21                   | 14,5                      | 31                       | 7                         | 30                     | 27                                                     | 29               | 50                                | 4,0  |
| 27             | 21   |                      | 5010.601.021 | 21 x 27                  | 5010.135.021 | 20 x 27                   | 19,5                      | 39                       | 10                        | 40                     | 34                                                     | 36               | 25                                | 7,6  |
| 36             | 29   |                      | 5010.128.029 | 28 x 36                  | 5010.128.029 | 28 x 36                   | 27,5                      | 48                       | 10                        | 40                     | 43                                                     | 45               | 25                                | 10,1 |
| 45             | 36   |                      | 5010.135.036 | 37 x 45                  | 5010.135.036 | 37 x 45                   | 35,5                      | 57                       | 10                        | 40                     | 52                                                     | 54               | 20                                | 13,0 |
| 56             | 48   |                      | 5010.135.048 | 48 x 56                  | 5010.135.048 | 48 x 56                   | 47,0                      | 70                       | 10                        | 45                     | 63                                                     | 66               | 10                                | 20,0 |



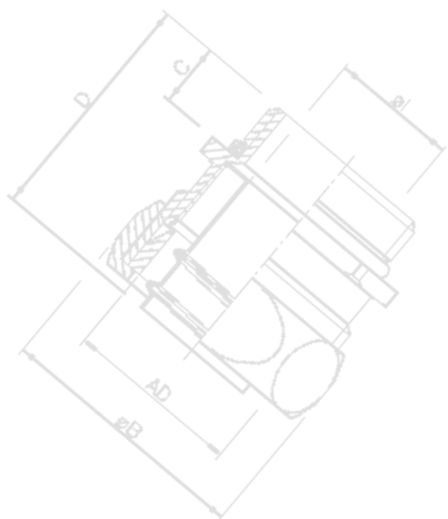
**AIRflex® - KUW-PVC-AS**    **FLEXAgraff® - SI-ASF**  
**AIRflex® - KUW-PU-AS**  
**AIRflex® - GRS**  
**AIRflex® - K**

| Nenn-<br>größe | Gewinde<br>DIN 40430 | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinster<br>Innen-ø<br>mm | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinster<br>Innen-ø<br>mm | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite<br>Gehäuse<br>mm   | Druck-<br>mutter<br>mm | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |
|----------------|----------------------|--------------|--------------------------|----------------------------|--------------|--------------------------|----------------------------|--------------------------|---------------------------|------------------------|-----------------------------------|------------------------|------------------|-----------------------------------|
| Trade<br>size  | Thread<br>DIN 40430  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats<br>mm | body<br>pressure nut   | Packet<br>Units  | Weight kg<br>100 units<br>approx. |
| AD             | PG                   |              | ø I                      |                            |              | ø I                      |                            | ø B                      | C                         | D                      | SW                                | SW                     |                  |                                   |
| 10             | 7                    | 5010.130.007 | 7 x 10                   | 6,0                        | 5010.137.007 | 6 x 10                   | 5,0                        | 19                       | 7                         | 28                     | 15                                | 17                     | 50               | 1,5                               |
| 14             | 9                    | 5010.130.009 | 10 x 14                  | 9,0                        | 5010.137.009 | 10 x 14                  | 9,0                        | 23                       | 7                         | 30                     | 19                                | 21                     | 50               | 2,3                               |
| 17             | 11                   | 5010.130.011 | 13 x 17                  | 11,5                       | 5010.137.011 | 12 x 17                  | 11,5                       | 27                       | 7                         | 30                     | 23                                | 25                     | 50               | 3,0                               |
| 19             | 13,5                 | 5010.130.013 | 15 x 19                  | 13,0                       | 5010.137.013 | 14 x 19                  | 12,5                       | 29                       | 7                         | 30                     | 25                                | 27                     | 50               | 3,5                               |
| 21             | 16                   | 5010.130.016 | 16 x 21                  | 14,5                       | 5010.135.016 | 16 x 21                  | 14,5                       | 31                       | 7                         | 30                     | 27                                | 29                     | 50               | 4,0                               |
| 27             | 21                   | 5010.130.021 | 21 x 27                  | 19,5                       | 5010.601.021 | 21 x 27                  | 19,5                       | 39                       | 10                        | 40                     | 34                                | 36                     | 25               | 7,6                               |
| 36             | 29                   | 5010.130.029 | 29 x 36                  | 26,5                       | 5010.137.029 | 27 x 36                  | 26,5                       | 48                       | 10                        | 40                     | 43                                | 45                     | 25               | 10,1                              |
| 45             | 36                   | 5010.130.036 | 38 x 45                  | 36,0                       | 5010.137.036 | 36 x 45                  | 34,5                       | 57                       | 10                        | 40                     | 52                                | 54                     | 20               | 13,0                              |
| 56             | 48                   | 5010.130.048 | 48 x 56                  | 45,5                       | 5010.137.048 | 47 x 56                  | 45,5                       | 70                       | 10                        | 45                     | 63                                | 66                     | 10               | 20,0                              |

**Kleine Verpackungseinheiten**

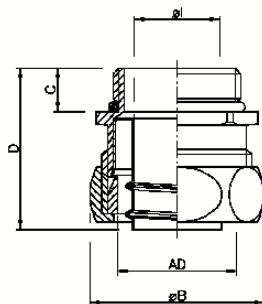
**Small packing units**

|    |      |              |         |      |  |  |  |    |    |    |    |    |    |      |
|----|------|--------------|---------|------|--|--|--|----|----|----|----|----|----|------|
| 10 | 7    | 5010.430.007 | 7 x 10  | 6,0  |  |  |  | 19 | 7  | 28 | 15 | 17 | 10 | 1,5  |
| 14 | 9    | 5010.430.009 | 10 x 14 | 9,0  |  |  |  | 23 | 7  | 30 | 19 | 21 | 10 | 2,3  |
| 17 | 11   | 5010.430.011 | 13 x 17 | 11,5 |  |  |  | 27 | 7  | 30 | 23 | 25 | 10 | 3,0  |
| 19 | 13,5 | 5010.430.013 | 15 x 19 | 13,0 |  |  |  | 29 | 7  | 30 | 25 | 27 | 10 | 3,5  |
| 21 | 16   | 5010.430.016 | 16 x 21 | 14,5 |  |  |  | 31 | 7  | 30 | 27 | 29 | 10 | 4,0  |
| 27 | 21   | 5010.430.021 | 21 x 27 | 19,5 |  |  |  | 39 | 10 | 40 | 34 | 36 | 10 | 7,6  |
| 36 | 29   | 5010.430.029 | 29 x 36 | 26,5 |  |  |  | 48 | 10 | 40 | 43 | 45 | 2  | 10,1 |
| 45 | 36   | 5010.430.036 | 38 x 45 | 36,0 |  |  |  | 57 | 10 | 40 | 52 | 54 | 2  | 13,0 |
| 56 | 48   | 5010.430.048 | 48 x 56 | 45,5 |  |  |  | 70 | 10 | 45 | 63 | 66 | 2  | 20,0 |



**Sicherheits-Schlauchverschraubung  
mit Innentülle, Dichtring und  
O-Ring, PG Gewinde nach  
DIN 40430 für alle wendel-  
gewellten Schlauchtypen**

**Safety-type screwed conduit  
connector with ferrule, sealing and  
O-ring, PG thread acc. to DIN 40430  
for all strip-wound conduit types**



## K-EDU

| Nenn-<br>größe | Gewinde<br>DIN 40430 | Artikel-Nr.  | Schlauch-<br>abmessung<br>mm | Kleinsten<br>Innen-ø<br>mm | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite mm<br>Gehäuse Druck-<br>mutter       | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |      |
|----------------|----------------------|--------------|------------------------------|----------------------------|--------------------------|---------------------------|------------------------|-----------------------------------------------------|------------------|-----------------------------------|------|
| Trade<br>size  | Thread<br>DIN 40430  | Article no.  | Conduit<br>dimensions<br>mm  | Smallest<br>inner ø<br>mm  | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm<br>body pressure nut | Packet<br>Units  | Weight kg<br>100 units<br>approx. |      |
| AD             | PG                   |              |                              | ø I                        | ø B                      | C                         | D                      | SW                                                  | SW               |                                   |      |
| 10             | 7                    | 5010.132.007 | 6 x 10                       | 6,0                        | 19                       | 7                         | 28                     | 15                                                  | 17               | 50                                | 1,5  |
| 14             | 9                    | 5010.132.009 | 9 x 14                       | 8,5                        | 23                       | 7                         | 30                     | 19                                                  | 21               | 50                                | 2,3  |
| 17             | 11                   | 5010.132.011 | 12 x 17                      | 11,5                       | 27                       | 7                         | 30                     | 23                                                  | 25               | 50                                | 3,0  |
| 19             | 13,5                 | 5010.132.013 | 14 x 19                      | 13,5                       | 29                       | 7                         | 30                     | 25                                                  | 27               | 50                                | 3,5  |
| 21             | 16                   | 5010.132.016 | 16 x 21                      | 15,5                       | 31                       | 7                         | 30                     | 27                                                  | 29               | 50                                | 4,0  |
| 27             | 21                   | 5010.132.021 | 21 x 27                      | 20,5                       | 39                       | 10                        | 40                     | 34                                                  | 36               | 25                                | 7,6  |
| 36             | 29                   | 5010.132.029 | 28 x 36                      | 27,5                       | 48                       | 10                        | 40                     | 43                                                  | 45               | 25                                | 10,1 |
| 45             | 36                   | 5010.132.036 | 37 x 45                      | 37,0                       | 57                       | 10                        | 40                     | 52                                                  | 54               | 20                                | 13,0 |
| 56             | 48                   | 5010.132.048 | 48 x 56                      | 48,0                       | 70                       | 10                        | 45                     | 63                                                  | 66               | 10                                | 20,0 |

**mit MSD (EMV)  
with MSD (EMC)**



## FLEXAgraff® - CU-AS

## SPR-CU-AS

| Nenn-<br>größe |      | Gewinde<br>DIN 40430 | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinsten<br>Innen-ø<br>mm | Artikel-Nr.  | Schlauch-<br>maße<br>mm  | Kleinsten<br>Innen-ø<br>mm | Größter<br>Außen-ø<br>mm | Gewinde-<br>länge<br>mm   | Gesamt-<br>länge<br>mm | Schlüsselweite mm<br>Gehäuse<br>Druck-<br>mutter    | Packung<br>Stück | Gewicht kg<br>100 Stück<br>ca.    |       |
|----------------|------|----------------------|--------------|--------------------------|----------------------------|--------------|--------------------------|----------------------------|--------------------------|---------------------------|------------------------|-----------------------------------------------------|------------------|-----------------------------------|-------|
| Trade<br>size  |      | Thread<br>DIN 40430  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Article no.  | Conduit<br>dimens.<br>mm | Smallest<br>inner ø<br>mm  | Largest<br>outer ø<br>mm | Length of<br>thread<br>mm | Total<br>length<br>mm  | Wrench size<br>across flats mm<br>body pressure nut | Packet<br>Units  | Weight kg<br>100 units<br>approx. |       |
| AD             | PG   |                      |              |                          | ø I                        |              |                          | ø I                        | ø B                      | C                         | D                      | SW                                                  | SW               |                                   |       |
| 10             | 7    |                      | 5011.128.007 | 7 x 10                   | 6,0                        | 5011.128.007 | 7 x 10                   | 6,0                        | 19                       | 7                         | 28                     | 15                                                  | 17               | 50                                | 1,68  |
| 14             | 9    |                      | 5011.127.009 | 11 x 14                  | 10,0                       | 5011.128.009 | 10 x 14                  | 8,5                        | 23                       | 7                         | 30                     | 19                                                  | 21               | 50                                | 3,16  |
| 17             | 11   |                      | 5011.128.011 | 13 x 17                  | 11,5                       | 5011.128.011 | 13 x 17                  | 11,5                       | 27                       | 7                         | 30                     | 23                                                  | 25               | 50                                | 4,14  |
| 19             | 13,5 |                      | 5011.128.013 | 15 x 19                  | 13,5                       | 5011.128.013 | 15 x 19                  | 13,5                       | 29                       | 7                         | 30                     | 25                                                  | 27               | 50                                | 4,70  |
| 21             | 16   |                      | 5011.128.016 | 17 x 21                  | 15,5                       | 5011.128.016 | 17 x 21                  | 15,5                       | 31                       | 7                         | 30                     | 27                                                  | 29               | 50                                | 5,38  |
| 27             | 21   |                      | 5011.140.021 | 23 x 27                  | 21,5                       | 5011.128.021 | 22 x 27                  | 20,5                       | 39                       | 10                        | 40                     | 34                                                  | 36               | 25                                | 10,00 |
| 36             | 29   |                      | 5011.128.029 | 29 x 36                  | 27,5                       | 5011.128.029 | 29 x 36                  | 27,5                       | 48                       | 10                        | 40                     | 43                                                  | 45               | 25                                | 11,15 |
| 45             | 36   |                      | 5011.128.036 | 38 x 45                  | 36,5                       | 5011.128.036 | 38 x 45                  | 36,5                       | 57                       | 10                        | 40                     | 52                                                  | 54               | 20                                | 18,18 |
| 56             | 48   |                      | 5011.128.048 | 49 x 56                  | 47,5                       | 5011.128.048 | 49 x 56                  | 47,5                       | 70                       | 10                        | 45                     | 63                                                  | 66               | 10                                | 23,60 |