



Delivery Range

## KG-System (PVC-U)

### Coex SN 4, Coex SN 8, Full wall SN 10

Also available in full wall pipes in SN4 and SN 8 in accordance with GRIS quality mark Nr. 175 / Ö-Standard EN 1401-1



## KG-System (PVC-U)

Drainage Pipes and Fittings

Quality without compromise

## Benefits and Advantages of the System

- high degree of strength
- elastic response
- long-term stability
- life time up to 100 years
- resistance to chemically aggressive media
- abrasion resistance
- withstands ground subsidences
- excellent hydraulic characteristics
- 100 % tightness in the connection
- root resistance
- high degree of protection
- quick installation
- easy laying
- low-cost installation



### **KG-System (PVC-U)**

*Nature is an important part of our lives and, as such, it is natural for us to protect it. The KG System (PVC) is a drainage system that complies with all the requirements on water resistance, service life and easy handling. In this way the system ensures protection of the environment from contamination by waste water.*

# Drainage Pipes and Fittings

## KG-System (PVC-U)

### Commercial Name

Ostendorf Kanalgrundrohr (underground drainage pipe)

### Material

PVC-U (Polyvinylchloride, unplasticized)

**co-extruded pipes: DIN EN 13476-2**

**full wall pipes SN 10: DIN EN 1401**

**fittings: DIN EN 1401**

### Application

underground drainage

### Nominal diameters DN/OD

110, 125, 160, 200, 250, 315, 400, 500

### Installation

DIN EN 1610, DIN EN 476, DIN 1986-100

### Colour

orange brown RAL 8023

### Seal

Factory inlaid SBR lip seal acc. to DIN 681 for SN 4 coex pipes and all fittings.

The coex pipes SN 8 and the full wall pipes SN 10 come with a fixed - seal (factory inlaid). The lip seal is also according to DIN 681.

### Chemical Resistance

Discharge of aggressive media in the range of pH2 – pH12  
see also [www.ostendorf-kunststoffe.com](http://www.ostendorf-kunststoffe.com)

### Marking

Pipes and Fittings

Permanent marking with manufacturer label, nominal diameter, DIN standard (DIN EN 13476-2 / DIN EN 1401-1), date of manufacture

(Fittings additionally bear information about the nominal angle.)

### Pipe Structure

co-extruded pipes with multi-layer wall structure

full wall pipes with homogenous wall structure

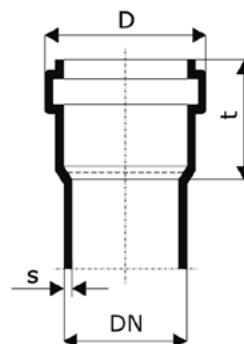
### Ring Stiffness

co-extruded pipes SN 4 / SN 8

full wall pipes SN 10

(acc. to MPA report: > 10kN/m<sup>2</sup> acc. to DIN ISO 9969)

usable in heavy load area SLW 60



### KGEM – Coex pipes SN 4

| DN/OD | s (mm) | D (mm) | t (mm) |
|-------|--------|--------|--------|
| 110   | 3,2    | 127    | 66     |
| 125   | 3,2    | 144    | 68     |
| 160   | 4,0    | 182    | 84     |
| 200   | 4,9    | 225    | 106    |
| 250   | 6,2    | 287    | 128    |
| 315   | 7,7    | 355    | 162    |
| 400   | 9,8    | 445    | 194    |
| 500   | 12,3   | 567    | 219    |

### KGEM – Coex pipes SN 8

| DN/OD | s (mm) | D (mm) | t (mm) |
|-------|--------|--------|--------|
| 110   | 3,2    | 127    | 66     |
| 160   | 4,7    | 182    | 84     |
| 200   | 5,9    | 225    | 106    |
| 250   | 7,3    | 287    | 128    |
| 315   | 9,2    | 355    | 162    |
| 400   | 11,7   | 445    | 194    |
| 500   | 14,6   | 567    | 219    |

### KGEM – Full wall pipes SN 10

| DN/OD | s (mm) | D (mm) | t (mm) |
|-------|--------|--------|--------|
| 160   | 4,7    | 183    | 81     |
| 200   | 5,9    | 226    | 99     |
| 250   | 7,3    | 287    | 125    |
| 315   | 9,2    | 355    | 135    |
| 400   | 11,7   | 445    | 180    |
| 500   | 14,6   | 567    | 210    |



## KG Coex SN 4 – pipe

| No.    | Description                                      | Unit/palett | Unit   |      |
|--------|--------------------------------------------------|-------------|--------|------|
| 220000 | KGEM Single socket pipe DN/OD 110 x 3,2 500 mm   | 96          | Palett |      |
| 220010 | KGEM Single socket pipe DN/OD 110 x 3,2 1000 mm  | 86          | Palett |      |
| 220020 | KGEM Single socket pipe DN/OD 110 x 3,2 2000 mm  | 86          | Palett |      |
| 220030 | KGEM Single socket pipe DN/OD 110 x 3,2 3000 mm  | 86          | Palett | NEW! |
| 220050 | KGEM Single socket pipe DN/OD 110 x 3,2 5000 mm  | 86          | Palett |      |
| 221000 | KGEM Single socket pipe DN/OD 125 x 3,2 500 mm   | 70          | Palett |      |
| 221010 | KGEM Single socket pipe DN/OD 125 x 3,2 1000 mm  | 60          | Palett |      |
| 221020 | KGEM Single socket pipe DN/OD 125 x 3,2 2000 mm  | 60          | Palett |      |
| 221030 | KGEM Single socket pipe DN/OD 125 x 3,2 3000 mm  | 60          | Palett | NEW! |
| 221050 | KGEM Single socket pipe DN/OD 125 x 3,2 5000 mm  | 60          | Palett |      |
| 222000 | KGEM Single socket pipe DN/OD 160 x 4,0 500 mm   | 40          | Palett |      |
| 222010 | KGEM Single socket pipe DN/OD 160 x 4,0 1000 mm  | 40          | Palett |      |
| 222020 | KGEM Single socket pipe DN/OD 160 x 4,0 2000 mm  | 40          | Palett |      |
| 222030 | KGEM Single socket pipe DN/OD 160 x 4,0 3000 mm  | 40          | Palett | NEW! |
| 222050 | KGEM Single socket pipe DN/OD 160 x 4,0 5000 mm  | 40          | Palett |      |
| 223000 | KGEM Single socket pipe DN/OD 200 x 4,9 500 mm   | 25          | Palett |      |
| 223010 | KGEM Single socket pipe DN/OD 200 x 4,9 1000 mm  | 25          | Palett |      |
| 223020 | KGEM Single socket pipe DN/OD 200 x 4,9 2000 mm  | 25          | Palett |      |
| 223030 | KGEM Single socket pipe DN/OD 200 x 4,9 3000 mm  | 25          | Palett | NEW! |
| 223050 | KGEM Single socket pipe DN/OD 200 x 4,9 5000 mm  | 25          | Palett |      |
| 224010 | KGEM Single socket pipe DN/OD 250 x 6,1 1000 mm  | 16          | 1      |      |
| 224020 | KGEM Single socket pipe DN/OD 250 x 6,1 2000 mm  | 16          | 1      |      |
| 224030 | KGEM Single socket pipe DN/OD 250 x 6,1 3000 mm  | 16          | 1      | NEW! |
| 224050 | KGEM Single socket pipe DN/OD 250 x 6,1 5000 mm  | 16          | 1      |      |
| 225010 | KGEM Single socket pipe DN/OD 315 x 7,7 1000 mm  | 9           | 1      |      |
| 225020 | KGEM Single socket pipe DN/OD 315 x 7,7 2000 mm  | 9           | 1      |      |
| 225030 | KGEM Single socket pipe DN/OD 315 x 7,7 3000 mm  | 9           | 1      | NEW! |
| 225050 | KGEM Single socket pipe DN/OD 315 x 7,7 5000 mm  | 9           | 1      |      |
| 226010 | KGEM Single socket pipe DN/OD 400 x 9,8 1000 mm  | 6           | 1      |      |
| 226020 | KGEM Single socket pipe DN/OD 400 x 9,8 2000 mm  | 6           | 1      |      |
| 226050 | KGEM Single socket pipe DN/OD 400 x 9,8 5000 mm  | 6           | 1      |      |
| 227010 | KGEM Single socket pipe DN/OD 500 x 12,3 1000 mm | 4           | 1      |      |
| 227020 | KGEM Single socket pipe DN/OD 500 x 12,3 2000 mm | 4           | 1      |      |
| 227050 | KGEM Single socket pipe DN/OD 500 x 12,3 5000 mm | 4           | 1      |      |



Also available in full wall pipes in SN4 and SN 8 in accordance with GRIS quality mark Nr. 175 / Ö-Standard EN 1401-1

### KG Coex SN 8 – pipe



| No.    | Description                          | Unit/palett | Unit |
|--------|--------------------------------------|-------------|------|
| 220170 | Single socket pipe DN/OD 110 1000 mm | 86          | 1    |
| 220180 | Single socket pipe DN/OD 110 3000 mm | 86          | 1    |
| 220190 | Single socket pipe DN/OD 110 5000 mm | 86          | 1    |
| 222170 | Single socket pipe DN/OD 160 1000 mm | 40          | 1    |
| 222180 | Single socket pipe DN/OD 160 3000 mm | 40          | 1    |
| 222190 | Single socket pipe DN/OD 160 5000 mm | 40          | 1    |
| 223170 | Single socket pipe DN/OD 200 1000 mm | 25          | 1    |
| 223180 | Single socket pipe DN/OD 200 3000 mm | 25          | 1    |
| 223190 | Single socket pipe DN/OD 200 5000 mm | 25          | 1    |
| 224170 | Single socket pipe DN/OD 250 1000 mm | 16          | 1    |
| 224180 | Single socket pipe DN/OD 250 3000 mm | 16          | 1    |
| 224190 | Single socket pipe DN/OD 250 5000 mm | 16          | 1    |
| 225170 | Single socket pipe DN/OD 315 1000 mm | 9           | 1    |
| 225180 | Single socket pipe DN/OD 315 3000 mm | 9           | 1    |
| 225190 | Single socket pipe DN/OD 315 5000 mm | 9           | 1    |
| 226170 | Single socket pipe DN/OD 400 1000 mm | 6           | 1    |
| 226180 | Single socket pipe DN/OD 400 3000 mm | 6           | 1    |
| 226190 | Single socket pipe DN/OD 400 5000 mm | 6           | 1    |
| 227170 | Single socket pipe DN/OD 500 1000 mm | 4           | 1    |
| 227180 | Single socket pipe DN/OD 500 3000 mm | 4           | 1    |
| 227190 | Single socket pipe DN/OD 500 5000 mm | 4           | 1    |

### KG Full wall SN 10 – pipe



| No.    | Description                      | Unit/palett | Unit |
|--------|----------------------------------|-------------|------|
| 220065 | Full wall pipe DN/OD 110 500 mm  | 50          | 1    |
| 220110 | Full wall pipe DN/OD 110 1000 mm | 50          | 1    |
| 220130 | Full wall pipe DN/OD 110 3000 mm | 50          | 1    |
| 220160 | Full wall pipe DN/OD 110 6000 mm | 50          | 1    |
| 222110 | Full wall pipe DN/OD 160 1000 mm | 35          | 1    |
| 222130 | Full wall pipe DN/OD 160 3000 mm | 35          | 1    |
| 222160 | Full wall pipe DN/OD 160 6000 mm | 35          | 1    |
| 223110 | Full wall pipe DN/OD 200 1000 mm | 25          | 1    |
| 223130 | Full wall pipe DN/OD 200 3000 mm | 25          | 1    |
| 223160 | Full wall pipe DN/OD 200 6000 mm | 25          | 1    |
| 224110 | Full wall pipe DN/OD 250 1000 mm | 16          | 1    |
| 224130 | Full wall pipe DN/OD 250 3000 mm | 16          | 1    |
| 224160 | Full wall pipe DN/OD 250 6000 mm | 16          | 1    |
| 225110 | Full wall pipe DN/OD 315 1000 mm | 9           | 1    |
| 225130 | Full wall pipe DN/OD 315 3000 mm | 9           | 1    |
| 225160 | Full wall pipe DN/OD 315 6000 mm | 9           | 1    |
| 226110 | Full wall pipe DN/OD 400 1000 mm | 6           | 1    |
| 226130 | Full wall pipe DN/OD 400 3000 mm | 6           | 1    |
| 226160 | Full wall pipe DN/OD 400 6000 mm | 6           | 1    |
| 227110 | Full wall pipe DN/OD 500 1000 mm | 4           | 1    |
| 227130 | Full wall pipe DN/OD 500 3000 mm | 4           | 1    |
| 227160 | Full wall pipe DN/OD 500 6000 mm | 4           | 1    |



Also available in full wall pipes in SN4 and SN 8 in accordance with GRIS quality mark Nr. 175 / Ö-Standard EN 1401-1

## KGB – Bend



15 Degrees



30 Degrees



45 Degrees



67 Degrees



87 Degrees

| No.    | Description                   | Unit/palett | Unit |
|--------|-------------------------------|-------------|------|
| 220200 | KGB Bend DN/OD 110 15 Degrees | 320         | 1    |
| 221200 | KGB Bend DN/OD 125 15 Degrees | 230         | 1    |
| 222200 | KGB Bend DN/OD 160 15 Degrees | 110         | 1    |
| 223200 | KGB Bend DN/OD 200 15 Degrees | 50          | 1    |
| 224200 | KGB Bend DN/OD 250 15 Degrees | 24          | 1    |
| 225200 | KGB Bend DN/OD 315 15 Degrees | 12          | 1    |
| 226200 | KGB Bend DN/OD 400 15 Degrees | 8           | 1    |
| 227200 | KGB Bend DN/OD 500 15 Degrees | 2           | 1    |
| 220210 | KGB Bend DN/OD 110 30 Degrees | 288         | 1    |
| 221210 | KGB Bend DN/OD 125 30 Degrees | 208         | 1    |
| 222210 | KGB Bend DN/OD 160 30 Degrees | 100         | 1    |
| 223210 | KGB Bend DN/OD 200 30 Degrees | 50          | 1    |
| 224210 | KGB Bend DN/OD 250 30 Degrees | 24          | 1    |
| 225210 | KGB Bend DN/OD 315 30 Degrees | 12          | 1    |
| 226210 | KGB Bend DN/OD 400 30 Degrees | 6           | 1    |
| 227210 | KGB Bend DN/OD 500 30 Degrees | 2           | 1    |
| 220220 | KGB Bend DN/OD 110 45 Degrees | 264         | 1    |
| 221220 | KGB Bend DN/OD 125 45 Degrees | 180         | 1    |
| 222220 | KGB Bend DN/OD 160 45 Degrees | 92          | 1    |
| 223220 | KGB Bend DN/OD 200 45 Degrees | 44          | 1    |
| 224220 | KGB Bend DN/OD 250 45 Degrees | 24          | 1    |
| 225220 | KGB Bend DN/OD 315 45 Degrees | 12          | 1    |
| 226220 | KGB Bend DN/OD 400 45 Degrees | 6           | 1    |
| 227220 | KGB Bend DN/OD 500 45 Degrees | 2           | 1    |
| 220230 | KGB Bend DN/OD 110 67 Degrees | 228         | 1    |
| 221230 | KGB Bend DN/OD 125 67 Degrees | 150         | 1    |
| 222230 | KGB Bend DN/OD 160 67 Degrees | 76          | 1    |
| 223230 | KGB Bend DN/OD 200 67 Degrees | 40          | 1    |
| 220240 | KGB Bend DN/OD 110 87 Degrees | 200         | 1    |
| 221240 | KGB Bend DN/OD 125 87 Degrees | 140         | 1    |
| 222240 | KGB Bend DN/OD 160 87 Degrees | 70          | 1    |
| 223240 | KGB Bend DN/OD 200 87 Degrees | 30          | 1    |
| 224240 | KGB Bend DN/OD 250 87 Degrees | 18          | 1    |
| 225240 | KGB Bend DN/OD 315 87 Degrees | 9           | 1    |
| 226240 | KGB Bend DN/OD 400 87 Degrees | 4           | 1    |
| 227240 | KGB Bend DN/OD 500 87 Degrees | 1           | 1    |

Unit  
changed

Unit  
changed

## KGEA – Branch 45°



| No.    | Description                          | Unit/palett | Unit |              |
|--------|--------------------------------------|-------------|------|--------------|
| 220300 | KGEA Branch DN/OD 110/110 45 Degrees | 100         | 1    |              |
| 221310 | KGEA Branch DN/OD 125/110 45 Degrees | 70          | 1    |              |
| 221300 | KGEA Branch DN/OD 125/125 45 Degrees | 70          | 1    |              |
| 222320 | KGEA Branch DN/OD 160/110 45 Degrees | 50          | 1    |              |
| 222310 | KGEA Branch DN/OD 160/125 45 Degrees | 45          | 1    |              |
| 222300 | KGEA Branch DN/OD 160/160 45 Degrees | 36          | 1    |              |
| 223330 | KGEA Branch DN/OD 200/110 45 Degrees | 30          | 1    |              |
| 223320 | KGEA Branch DN/OD 200/125 45 Degrees | 32          | 1    |              |
| 223310 | KGEA Branch DN/OD 200/160 45 Degrees | 25          | 1    |              |
| 223300 | KGEA Branch DN/OD 200/200 45 Degrees | 20          | 1    |              |
| 224340 | KGEA Branch DN/OD 250/110 45 Degrees | 18          | 1    | Unit changed |
| 224330 | KGEA Branch DN/OD 250/125 45 Degrees | 16          | 1    | Unit changed |
| 224320 | KGEA Branch DN/OD 250/160 45 Degrees | 14          | 1    |              |
| 224310 | KGEA Branch DN/OD 250/200 45 Degrees | 12          | 1    |              |
| 224300 | KGEA Branch DN/OD 250/250 45 Degrees | 8           | 1    |              |
| 225350 | KGEA Branch DN/OD 315/110 45 Degrees | 10          | 1    |              |
| 225340 | KGEA Branch DN/OD 315/125 45 Degrees | 10          | 1    |              |
| 225330 | KGEA Branch DN/OD 315/160 45 Degrees | 10          | 1    |              |
| 225320 | KGEA Branch DN/OD 315/200 45 Degrees | 8           | 1    |              |
| 225310 | KGEA Branch DN/OD 315/250 45 Degrees | 5           | 1    |              |
| 225300 | KGEA Branch DN/OD 315/315 45 Degrees | 4           | 1    |              |
| 226360 | KGEA Branch DN/OD 400/110 45 Degrees | 5           | 1    |              |
| 226350 | KGEA Branch DN/OD 400/125 45 Degrees | 5           | 1    |              |
| 226340 | KGEA Branch DN/OD 400/160 45 Degrees | 5           | 1    |              |
| 226330 | KGEA Branch DN/OD 400/200 45 Degrees | 5           | 1    | Unit changed |
| 226320 | KGEA Branch DN/OD 400/250 45 Degrees | 3           | 1    |              |
| 226310 | KGEA Branch DN/OD 400/315 45 Degrees | 2           | 1    |              |
| 226300 | KGEA Branch DN/OD 400/400 45 Degrees | 1           | 1    |              |
| 227360 | KGEA Branch DN/OD 500/110 45 Degrees | 2           | 1    |              |
| 227350 | KGEA Branch DN/OD 500/160 45 Degrees | 2           | 1    |              |
| 227340 | KGEA Branch DN/OD 500/200 45 Degrees | 1           | 1    | Unit changed |
| 227330 | KGEA Branch DN/OD 500/250 45 Degrees | 1           | 1    | Unit changed |
| 227320 | KGEA Branch DN/OD 500/315 45 Degrees | 1           | 1    |              |
| 227310 | KGEA Branch DN/OD 500/400 45 Degrees | 1           | 1    |              |
| 227300 | KGEA Branch DN/OD 500/500 45 Degrees | 1           | 1    |              |



## KGEA – Branch 87°

| No.    | Description                          | Unit/palett | Unit |              |
|--------|--------------------------------------|-------------|------|--------------|
| 220400 | KGEA Branch DN/OD 110/110 87 Degrees | 120         | 1    |              |
| 221410 | KGEA Branch DN/OD 125/110 87 Degrees | 126         | 1    |              |
| 221400 | KGEA Branch DN/OD 125/125 87 Degrees | 88          | 1    |              |
| 222420 | KGEA Branch DN/OD 160/110 87 Degrees | 60          | 1    |              |
| 222410 | KGEA Branch DN/OD 160/125 87 Degrees | 45          | 1    |              |
| 222400 | KGEA Branch DN/OD 160/160 87 Degrees | 45          | 1    |              |
| 223430 | KGEA Branch DN/OD 200/110 87 Degrees | 38          | 1    |              |
| 223420 | KGEA Branch DN/OD 200/125 87 Degrees | 38          | 1    | Unit changed |
| 223410 | KGEA Branch DN/OD 200/160 87 Degrees | 32          | 1    |              |
| 223400 | KGEA Branch DN/OD 200/200 87 Degrees | 24          | 1    |              |
| 224440 | KGEA Branch DN/OD 250/110 87 Degrees | 20          | 1    |              |
| 224430 | KGEA Branch DN/OD 250/125 87 Degrees | 20          | 1    |              |
| 224420 | KGEA Branch DN/OD 250/160 87 Degrees | 18          | 1    |              |
| 224410 | KGEA Branch DN/OD 250/200 87 Degrees | 13          | 1    | Unit changed |
| 224400 | KGEA Branch DN/OD 250/250 87 Degrees | 10          | 1    |              |
| 225450 | KGEA Branch DN/OD 315/110 87 Degrees | 10          | 1    |              |
| 225430 | KGEA Branch DN/OD 315/160 87 Degrees | 10          | 1    |              |
| 225420 | KGEA Branch DN/OD 315/200 87 Degrees | 6           | 1    |              |
| 225410 | KGEA Branch DN/OD 315/250 87 Degrees | 6           | 1    |              |
| 225400 | KGEA Branch DN/OD 315/315 87 Degrees | 5           | 1    |              |
| 226460 | KGEA Branch DN/OD 400/110 87 Degrees | 5           | 1    |              |
| 226440 | KGEA Branch DN/OD 400/160 87 Degrees | 5           | 1    |              |
| 226430 | KGEA Branch DN/OD 400/200 87 Degrees | 4           | 1    |              |
| 226420 | KGEA Branch DN/OD 400/250 87 Degrees | 4           | 1    |              |
| 226410 | KGEA Branch DN/OD 400/315 87 Degrees | 2           | 1    |              |
| 226400 | KGEA Branch DN/OD 400/400 87 Degrees | 2           | 1    |              |
| 227450 | KGEA Branch DN/OD 500/160 87 Degrees | 2           | 1    |              |
| 227420 | KGEA Branch DN/OD 500/315 87 Degrees | 1           | 1    |              |
| 227400 | KGEA Branch DN/OD 500/500 87 Degrees | 1           | 1    |              |



### KGAM – Single socket



| No.    | Description                  | Unit/palett | Unit |
|--------|------------------------------|-------------|------|
| 220810 | KGAM Single socket DN/OD 110 | 450         | 1    |
| 221810 | KGAM Single socket DN/OD 125 | 336         | 1    |
| 222810 | KGAM Single socket DN/OD 160 | 180         | 1    |
| 223810 | KGAM Single socket DN/OD 200 | 100         | 1    |

### KGK – Cap



| No.    | Description       | Unit/palett | Unit |
|--------|-------------------|-------------|------|
| 220630 | KGK Cap DN/OD 110 | 1150        | 10   |
| 221630 | KGK Cap DN/OD 125 | 840         | 10   |
| 222630 | KGK Cap DN/OD 160 | 430         | 10   |
| 223630 | KGK Cap DN/OD 200 | 224         | 8    |
| 224630 | KGK Cap DN/OD 250 | 150         | 1    |
| 225630 | KGK Cap DN/OD 315 | 80          | 1    |
| 226630 | KGK Cap DN/OD 400 | 44          | 1    |
| 227630 | KGK Cap DN/OD 500 | 26          | 1    |

Unit changed

### KGM – Plug



| No.    | Description        | Unit/palett | Unit |
|--------|--------------------|-------------|------|
| 220620 | KGM Plug DN/OD 110 | 1360        | 10   |
| 221620 | KGM Plug DN/OD 125 | 870         | 10   |
| 222620 | KGM Plug DN/OD 160 | 368         | 8    |
| 223620 | KGM Plug DN/OD 200 | 224         | 8    |
| 224620 | KGM Plug DN/OD 250 | 96          | 1    |
| 225620 | KGM Plug DN/OD 315 | 60          | 1    |
| 226620 | KGM Plug DN/OD 400 | 32          | 1    |
| 227620 | KGM Plug DN/OD 500 | 10          | 1    |

### KGMM – Double socket



| No.    | Description                  | Unit/palett | Unit |
|--------|------------------------------|-------------|------|
| 220510 | KGMM Double socket DN/OD 110 | 320         | 1    |
| 221510 | KGMM Double socket DN/OD 125 | 240         | 1    |
| 222510 | KGMM Double socket DN/OD 160 | 110         | 1    |
| 223510 | KGMM Double socket DN/OD 200 | 60          | 1    |
| 224510 | KGMM Double socket DN/OD 250 | 32          | 1    |
| 225510 | KGMM Double socket DN/OD 315 | 16          | 1    |
| 226510 | KGMM Double socket DN/OD 400 | 8           | 1    |

available from  
Q3/2018,  
NEW!

## KGU – Coupler



| No.    | Description           | Unit/palett | Unit |
|--------|-----------------------|-------------|------|
| 220500 | KGU Coupler DN/OD 110 | 320         | 1    |
| 221500 | KGU Coupler DN/OD 125 | 240         | 1    |
| 222500 | KGU Coupler DN/OD 160 | 110         | 1    |
| 223500 | KGU Coupler DN/OD 200 | 60          | 1    |
| 224500 | KGU Coupler DN/OD 250 | 32          | 1    |
| 225500 | KGU Coupler DN/OD 315 | 16          | 1    |
| 226500 | KGU Coupler DN/OD 400 | 8           | 1    |
| 227500 | KGU Coupler DN/OD 500 | 2           | 1    |

Unit  
changed

## KGUG – Connection piece to cast-iron pipes



| No.    | Description                                        | Unit/palett | Unit |
|--------|----------------------------------------------------|-------------|------|
| 220820 | KGUG Connection piece to cast-iron pipes DN/OD 110 | 600         | 1    |
| 221820 | KGUG Connection piece to cast-iron pipes DN/OD 125 | 360         | 1    |
| 222820 | KGUG Connection piece to cast-iron pipes DN/OD 160 | 210         | 1    |
| 223820 | KGUG Connection piece to cast-iron pipes DN/OD 200 | 100         | 1    |

## KGUS – KGUS Connection piece to stoneware pipe (spigot end)



| No.    | Description                                                                     | Unit/palett | Unit |
|--------|---------------------------------------------------------------------------------|-------------|------|
| 220830 | KGUS Connection piece to stoneware pipe (spigot end) DN/OD 110                  | 288         | 1    |
| 221830 | KGUS Connection piece to stoneware pipe (spigot end) DN/OD 125                  | 180         | 1    |
| 222830 | KGUS Connection piece to stoneware pipe (spigot end) DN/OD 160                  | 100         | 1    |
| 223830 | KGUS Connection piece to stoneware pipe (spigot end) DN/OD 200                  | 48          | 1    |
| 224830 | KGUS Connection piece to stoneware pipe (spigot end) DN/OD 250 (without gasket) | 36          | 1    |
| 225830 | KGUS Connection piece to stoneware pipe (spigot end) DN/OD 315 (without gasket) | 18          | 1    |

## KGUSM – KGUSM Connection piece to stoneware pipe (socket)



| No.    | Description                                                 | Unit/palett | Unit |
|--------|-------------------------------------------------------------|-------------|------|
| 220840 | KGUSM Connection piece to stoneware pipe (socket) DN/OD 110 | 455         | 1    |
| 221840 | KGUSM Connection piece to stoneware pipe (socket) DN/OD 125 | 320         | 1    |
| 222840 | KGUSM Connection piece to stoneware pipe (socket) DN/OD 160 | 226         | 1    |
| 223840 | KGUSM Connection piece to stoneware pipe (socket) DN/OD 200 | 120         | 1    |
| 224840 | KGUSM Connection piece to stoneware pipe (socket) DN/OD 250 | 30          | 1    |
| 225840 | KGUSM Connection piece to stoneware pipe (socket) DN/OD 315 | 20          | 1    |

### KGR – Reducer, eccentric



| No.    | Description                          | Unit/palett | Unit |              |
|--------|--------------------------------------|-------------|------|--------------|
| 221700 | KGR Reducer, eccentric DN/OD 125/110 | 300         | 1    |              |
| 222700 | KGR Reducer, eccentric DN/OD 160/110 | 250         | 1    |              |
| 222710 | KGR Reducer, eccentric DN/OD 160/125 | 240         | 1    |              |
| 223700 | KGR Reducer, eccentric DN/OD 200/160 | 130         | 1    |              |
| 224700 | KGR Reducer, eccentric DN/OD 250/200 | 54          | 1    |              |
| 225700 | KGR Reducer, eccentric DN/OD 315/250 | 30          | 1    |              |
| 226700 | KGR Reducer, eccentric DN/OD 400/315 | 12          | 1    |              |
| 227700 | KGR Reducer, eccentric DN/OD 500/400 | 4           | 1    | Unit changed |

### KGRE – Inspection pipe, angular



| No.    | Description                             | Unit/palett | Unit |
|--------|-----------------------------------------|-------------|------|
| 220600 | KGRE Inspection pipe, angular DN/OD 110 | 102         | 1    |
| 221600 | KGRE Inspection pipe, angular DN/OD 125 | 70          | 1    |
| 222600 | KGRE Inspection pipe, angular DN/OD 160 | 44          | 1    |
| 223600 | KGRE Inspection pipe, angular DN/OD 200 | 22          | 1    |

### KGRE – Inspection pipe, round



| No.    | Description                           | Unit/palett | Unit |      |
|--------|---------------------------------------|-------------|------|------|
| 220640 | KGRE Inspection pipe, round DN/OD 110 | 160         | 20   | NEW! |
| 221640 | KGRE Inspection pipe, round DN/OD 125 | 120         | 15   | NEW! |
| 222640 | KGRE Inspection pipe, round DN/OD 160 | 70          | 1    | NEW! |
| 223640 | KGRE Inspection pipe, round DN/OD 200 | 30          | 1    | NEW! |
| 824600 | KGRE Inspection pipe, round DN/OD 250 | 15          | 1    |      |
| 825600 | KGRE Inspection pipe, round DN/OD 315 | 10          | 1    |      |
| 826600 | KGRE Inspection pipe, round DN/OD 400 | 5           | 1    |      |

### KG2000BA – Connection to concrete pipe



| No.    | Description                              | Unit/palett | Unit |      |
|--------|------------------------------------------|-------------|------|------|
| 877570 | Connection to concrete pipe BA DN/OD 160 | 90          | 1    | NEW! |
| 877670 | Connection to concrete pipe BA DN/OD 200 | 40          | 1    | NEW! |



## KGBD – Bend 2M

| No.    | Description                       | Unit/palett | Unit |      |
|--------|-----------------------------------|-------------|------|------|
| 228070 | KGBD Bend 2M DN/OD 110 15 Degrees | 180         | 15   | NEW! |
| 228075 | KGBD Bend 2M DN/OD 110 30 Degrees | 180         | 15   | NEW! |
| 228080 | KGBD Bend 2M DN/OD 110 45 Degrees | 180         | 15   | NEW! |



## KGB – Bend SW

| No.    | Description                          | Unit/palett | Unit |      |
|--------|--------------------------------------|-------------|------|------|
| 228088 | KGB Bend 1M SW DN/OD 110 87 Degrees  | 120         | 10   | NEW! |
| 228085 | KGBD Bend 2M SW DN/OD 110 87 Degrees | 120         | 10   | NEW! |



## Sika Watering Cap

The Sika Watering Cap is used in connection with watering pipe DN (OD) 80/110. The laying of the pipe is carried out ringlike around the root ball of the plants. So the water is distributed very fast around the complete root area and leaks from the outlets into the ground. The supply by tank lorries is simplified and a tree population is possible without any problems in a paved area. In these areas (as for example in pedestrian zones) the trees can be supplied not only with water but also with the necessary quantity of nutrients.

| No.    | Description                    | Unit/palett | Unit |      |
|--------|--------------------------------|-------------|------|------|
| 662400 | Sika Watering cap DN/OD 80/110 | 432         | 12   | NEW! |



## KGF PU – Chamber lining

| No.    | Description                         | Unit/palett | Unit |              |
|--------|-------------------------------------|-------------|------|--------------|
| 820900 | KGF PU Chamber lining DN/OD 110/110 | 360         |      |              |
| 821900 | KGF PU Chamber lining DN/OD 125/110 | 280         |      |              |
| 822900 | KGF PU Chamber lining DN/OD 160/110 | 168         |      |              |
| 823900 | KGF PU Chamber lining DN/OD 200/110 | 114         |      |              |
| 820910 | KGF PU Chamber lining DN/OD 110/240 | 168         |      |              |
| 821910 | KGF PU Chamber lining DN/OD 125/240 | 120         |      | Unit changed |
| 822910 | KGF PU Chamber lining DN/OD 160/240 | 72          |      |              |
| 823910 | KGF PU Chamber lining DN/OD 200/240 | 45          |      |              |
| 824910 | KGF PU Chamber lining DN/OD 250/240 | 33          |      |              |
| 825910 | KGF PU Chamber lining DN/OD 315/240 | 18          |      |              |
| 826910 | KGF PU Chamber lining DN/OD 400/240 | 15          |      |              |
| 827910 | KGF PU Chamber lining DN/OD 500/240 | 12          |      |              |

## Lubricant



| No.    | Description       | Unit/palett | Unit |
|--------|-------------------|-------------|------|
| 881800 | Lubricant 150 ml  |             | NEW! |
| 881810 | Lubricant 250 ml  |             | NEW! |
| 881820 | Lubricant 500 ml  |             |      |
| 881830 | Lubricant 1000 ml |             |      |

## Lip seal SBR



| No.    | Description               | Unit/palett | Unit |
|--------|---------------------------|-------------|------|
| 880060 | KG Lip seal SBR DN/OD 110 |             |      |
| 880075 | KG Lip seal SBR DN/OD 125 |             |      |
| 880090 | KG Lip seal SBR DN/OD 160 |             |      |
| 880100 | KG Lip seal SBR DN/OD 200 |             |      |
| 880110 | KG Lip seal SBR DN/OD 250 |             |      |
| 880120 | KG Lip seal SBR DN/OD 315 |             |      |
| 880130 | KG Lip seal SBR DN/OD 400 |             |      |
| 880140 | KG Lip seal SBR DN/OD 500 |             |      |

## NBR gasket (resistant against oils, petrol and fats (animal, vegetable, mineral))



| No.    | Description                | Unit/palett | Unit |
|--------|----------------------------|-------------|------|
| 880260 | KG NBR gasket DN/OD 110 *  |             |      |
| 880275 | KG NBR gasket DN/OD 125 ** |             |      |
| 880290 | KG NBR gasket DN/OD 160 ** |             |      |
| 880300 | KG NBR gasket DN/OD 200    |             |      |
| 880310 | KG NBR gasket DN/OD 250    |             |      |
| 880320 | KG NBR gasket DN/OD 315    |             |      |
| 880330 | KG NBR gasket DN/OD 400    |             |      |
| 880340 | KG NBR gasket DN/OD 500    |             |      |

\* suitable also for HT safe and Skolan Safe  
 \*\* suitable also for HT safe

## GA-Gasket KGUS



| No.    | Description               | Unit/palett | Unit |
|--------|---------------------------|-------------|------|
| 881025 | GA-Gasket KGUS DN/OD 110* | 1344        | 16   |

## GA-Set gasket



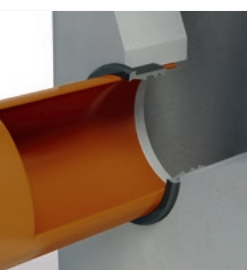
| No.    | Description             | Unit/palett | Unit |
|--------|-------------------------|-------------|------|
| 881030 | GA-Set gasket DN/OD 125 | 1176        | 14   |
| 881040 | GA-Set gasket DN/OD 160 | 840         | 10   |
| 881050 | GA-Set gasket DN/OD 200 | 840         | 10   |

## Profile gasket for KGUS



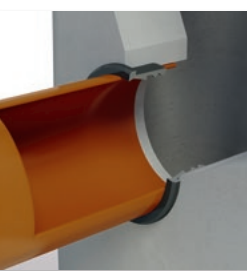
| No.    | Description                       | Unit/palett | Unit |
|--------|-----------------------------------|-------------|------|
| 881100 | Profile gasket for KGUS DN/OD 110 | 1500        | 1    |
| 881110 | Profile gasket for KGUS DN/OD 125 | 1100        | 1    |
| 881120 | Profile gasket for KGUS DN/OD 160 | 800         | 1    |
| 881130 | Profile gasket for KGUS DN/OD 200 | 275         | 1    |
| 881140 | Profile gasket for KGUS DN/OD 250 | 216         | 1    |
| 881150 | Profile gasket for KGUS DN/OD 315 | 168         | 1    |

## Gaskets BA-M – Connections to concrete in EPDM up to DN 200 in SBR from DN 250 up to 400



| No.                                                                 | Description            | Unit/palett | Unit |      |
|---------------------------------------------------------------------|------------------------|-------------|------|------|
| Satisfies the specifications according to DIN EN 681-1 and DIN 4060 |                        |             |      |      |
| 881160                                                              | Gaskets BA-M DN/OD 110 | 448         | 56   | NEW! |
| 881170                                                              | Gaskets BA-M DN/OD 125 | 320         | 40   | NEW! |
| 881180                                                              | Gaskets BA-M DN/OD 160 | 320         | 40   | NEW! |
| 881190                                                              | Gaskets BA-M DN/OD 200 | 256         | 32   | NEW! |
| 881860                                                              | Gaskets BA-M DN/OD 250 | 256         | 32   | NEW! |
| 881870                                                              | Gaskets BA-M DN/OD 315 | 176         | 22   | NEW! |
| 881880                                                              | Gaskets BA-M DN/OD 400 | 160         | 20   | NEW! |

## Gaskets BA-M NBR



| No.                                                                 | Description                | Unit/palett | Unit |      |
|---------------------------------------------------------------------|----------------------------|-------------|------|------|
| Satisfies the specifications according to DIN EN 681-1 and DIN 4060 |                            |             |      |      |
| 881165                                                              | Gaskets BA-M DN/OD 110 NBR | 448         | 56   | NEW! |
| 881175                                                              | Gaskets BA-M DN/OD 125 NBR | 320         | 40   | NEW! |
| 881185                                                              | Gaskets BA-M DN/OD 160 NBR | 320         | 40   | NEW! |
| 881195                                                              | Gaskets BA-M DN/OD 200 NBR | 256         | 32   | NEW! |

## Fitting dimensions BA-M

| Dimension of pipe (mm)                                       | Pipe diameter outside (mm) | Bore diameter (mm) | Type of gasket |
|--------------------------------------------------------------|----------------------------|--------------------|----------------|
| Fits with pipes and tubes KG PVC according to norm DIN 19534 |                            |                    |                |
| 100                                                          | 110                        | 138                | 110/138        |
| 125                                                          | 125                        | 151                | 125/151        |
| 150                                                          | 160                        | 186                | 160/186        |
| 200                                                          | 200                        | 226                | 200/226        |
| 250                                                          | 250                        | 276                | 250/276        |
| 300                                                          | 315                        | 341                | 315/341        |
| 400                                                          | 400                        | 426                | 400/426        |



KGEM Coex SN 8 – pipe grey

| No.    | Description                                | Unit/palett | Unit   |
|--------|--------------------------------------------|-------------|--------|
| 230180 | KGEM DN/OD 110 x 3000 mm Coex SN 8 grey NF | 86          | Palett |
| 231180 | KGEM DN/OD 125 x 3000 mm Coex SN 8 grey NF | 60          | Palett |
| 232180 | KGEM DN/OD 160 x 3000 mm Coex SN 8 grey NF | 40          | Palett |
| 233180 | KGEM DN/OD 200 x 3000 mm Coex SN 8 grey NF | 25          | Palett |
| 234180 | KGEM DN/OD 250 x 3000 mm Coex SN 8 grey NF | 16          | Palett |
| 235180 | KGEM DN/OD 315 x 3000 mm Coex SN 8 grey NF | 9           | Palett |
| 236180 | KGEM DN/OD 400 x 3000 mm Coex SN 8 grey NF | 6           | Palett |
| 237180 | KGEM DN/OD 500 x 3000 mm Coex SN 8 grey NF | 4           | Palett |



15 Degrees

KGB – Bend grey

| No.       | Description                                          | Unit/palett | Unit |
|-----------|------------------------------------------------------|-------------|------|
| 230200-03 | KGB Bend DN/OD 110 15 Degrees grey NF single carton  | 240         | 20   |
| 231200-03 | KGB Bend DN/OD 125 15 Degrees grey NF single carton  | 240         | 20   |
| 232200-03 | KGB Bend DN/OD 160 15 Degrees grey NF single carton  | 120         | 10   |
| 233200-09 | KGB Bend DN/OD 200 15 Degrees grey NF palette carton | 50          | 1    |
| 234200-09 | KGB Bend DN/OD 250 15 Degrees grey NF palette carton | 24          | 1    |
| 235200-09 | KGB Bend DN/OD 315 15 Degrees grey NF palette carton | 12          | 1    |



30 Degrees

|           |                                                      |     |    |
|-----------|------------------------------------------------------|-----|----|
| 230210-03 | KGB Bend DN/OD 110 30 Degrees grey NF single carton  | 240 | 20 |
| 231210-03 | KGB Bend DN/OD 125 30 Degrees grey NF single carton  | 120 | 10 |
| 232210-03 | KGB Bend DN/OD 160 30 Degrees grey NF single carton  | 96  | 8  |
| 233210-09 | KGB Bend DN/OD 200 30 Degrees grey NF palette carton | 50  | 1  |
| 234210-09 | KGB Bend DN/OD 250 30 Degrees grey NF palette carton | 24  | 1  |
| 235210-09 | KGB Bend DN/OD 315 30 Degrees grey NF palette carton | 12  | 1  |



45 Degrees

|           |                                                      |     |    |
|-----------|------------------------------------------------------|-----|----|
| 230220-03 | KGB Bend DN/OD 110 45 Degrees grey NF single carton  | 240 | 20 |
| 231220-03 | KGB Bend DN/OD 125 45 Degrees grey NF single carton  | 144 | 12 |
| 232220-03 | KGB Bend DN/OD 160 45 Degrees grey NF single carton  | 96  | 8  |
| 233220-09 | KGB Bend DN/OD 200 45 Degrees grey NF palette carton | 45  | 1  |
| 234220-09 | KGB Bend DN/OD 250 45 Degrees grey NF palette carton | 24  | 1  |
| 235220-09 | KGB Bend DN/OD 315 45 Degrees grey NF palette carton | 12  | 1  |



67 Degrees

|           |                                                     |     |    |
|-----------|-----------------------------------------------------|-----|----|
| 230230-03 | KGB Bend DN/OD 110 67 Degrees grey NF single carton | 240 | 20 |
| 231230-03 | KGB Bend DN/OD 125 67 Degrees grey NF single carton | 120 | 10 |
| 232230-03 | KGB Bend DN/OD 160 67 Degrees grey NF single carton | 60  | 5  |



87 Degrees

|           |                                                      |     |    |
|-----------|------------------------------------------------------|-----|----|
| 230240-03 | KGB Bend DN/OD 110 87 Degrees grey NF single carton  | 192 | 16 |
| 231240-03 | KGB Bend DN/OD 125 87 Degrees grey NF single carton  | 120 | 10 |
| 232240-03 | KGB Bend DN/OD 160 87 Degrees grey NF single carton  | 60  | 5  |
| 233240-09 | KGB Bend DN/OD 200 87 Degrees grey NF palette carton | 30  | 1  |
| 234240-09 | KGB Bend DN/OD 250 87 Degrees grey NF palette carton | 18  | 1  |
| 235240-09 | KGB Bend DN/OD 315 87 Degrees grey NF palette carton | 9   | 1  |

## KG-System (PVC) grey (NF 442)

Delivery Range · Version 2018



### KGEA – Branch 45° grey

| No.       | Description                                                 | Unit/palett | Unit |
|-----------|-------------------------------------------------------------|-------------|------|
| 230300-03 | KGEA Branch DN/OD 110/110 45 Degrees grey NF single carton  | 120         | 10   |
| 231310-03 | KGEA Branch DN/OD 125/110 45 Degrees grey NF single carton  | 60          | 5    |
| 231300-03 | KGEA Branch DN/OD 125/125 45 Degrees grey NF single carton  | 60          | 5    |
| 232320-03 | KGEA Branch DN/OD 160/110 45 Degrees grey NF single carton  | 60          | 5    |
| 232310-03 | KGEA Branch DN/OD 160/125 45 Degrees grey NF single carton  | 36          | 3    |
| 232300-03 | KGEA Branch DN/OD 160/160 45 Degrees grey NF single carton  | 36          | 3    |
| 233330-09 | KGEA Branch DN/OD 200/110 45 Degrees grey * palette carton  | 30          | 1    |
| 233310-09 | KGEA Branch DN/OD 200/160 45 Degrees grey NF palette carton | 25          | 1    |
| 233300-09 | KGEA Branch DN/OD 200/200 45 Degrees grey NF palette carton | 20          | 1    |
| 234320-09 | KGEA Branch DN/OD 250/160 45 Degrees grey NF palette carton | 14          | 1    |
| 234310-09 | KGEA Branch DN/OD 250/200 45 Degrees grey NF palette carton | 12          | 1    |
| 234300-09 | KGEA Branch DN/OD 250/250 45 Degrees grey NF palette carton | 8           | 1    |
| 235330-09 | KGEA Branch DN/OD 315/160 45 Degrees grey NF palette carton | 10          | 1    |

\* no NF



### KGEA – Branch 87° grey

| No.       | Description                                                 | Unit/palett | Unit |
|-----------|-------------------------------------------------------------|-------------|------|
| 230400-03 | KGEA Branch DN/OD 110/110 87 Degrees grey NF single carton  | 120         | 10   |
| 232420-03 | KGEA Branch DN/OD 160/110 87 Degrees grey NF single carton  | 60          | 5    |
| 232410-03 | KGEA Branch DN/OD 160/125 87 Degrees grey NF single carton  | 60          | 5    |
| 232400-03 | KGEA Branch DN/OD 160/160 87 Degrees grey NF single carton  | 48          | 4    |
| 234400-09 | KGEA Branch DN/OD 250/250 87 Degrees grey NF palette carton | 10          | 1    |



### KGM – Plug grey

| No.       | Description                               | Unit/palett | Unit |
|-----------|-------------------------------------------|-------------|------|
| 230620-03 | KGM Plug DN/OD 110 grey NF single carton  | 960         | 20   |
| 231620-03 | KGM Plug DN/OD 125 grey NF single carton  | 720         | 20   |
| 232620-03 | KGM Plug DN/OD 160 grey NF single carton  | 240         | 20   |
| 233620-09 | KGM Plug DN/OD 200 grey NF palette carton | 224         | 1    |
| 234620-09 | KGM Plug DN/OD 250 grey NF palette carton | 96          | 1    |
| 235620-09 | KGM Plug DN/OD 315 grey NF palette carton | 60          | 1    |



### KGMM – Double socket grey



| No.       | Description                                         | Unit/palett | Unit |
|-----------|-----------------------------------------------------|-------------|------|
| 230510-03 | KGMM Double socket DN/OD 110 grey NF single carton  | 240         | 20   |
| 231510-03 | KGMM Double socket DN/OD 125 grey NF single carton  | 240         | 20   |
| 232510-03 | KGMM Double socket DN/OD 160 grey NF single carton  | 120         | 10   |
| 233510-09 | KGMM Double socket DN/OD 200 grey NF palette carton | 60          | 1    |
| 234510-09 | KGMM Double socket DN/OD 250 grey NF palette carton | 32          | 1    |
| 235510-09 | KGMM Double socket DN/OD 315 grey NF palette carton | 16          | 1    |

### KGU – Coupler grey



| No.       | Description                                  | Unit/palett | Unit |
|-----------|----------------------------------------------|-------------|------|
| 230500-03 | KGU Coupler DN/OD 110 grey NF single carton  | 240         | 20   |
| 231500-03 | KGU Coupler DN/OD 125 grey NF single carton  | 240         | 20   |
| 232500-03 | KGU Coupler DN/OD 160 grey NF single carton  | 120         | 10   |
| 233500-09 | KGU Coupler DN/OD 200 grey NF palette carton | 60          | 1    |
| 234500-09 | KGU Coupler DN/OD 250 grey NF palette carton | 32          | 1    |
| 235500-09 | KGU Coupler DN/OD 315 grey NF palette carton | 16          | 1    |

### KGR – Reducer, eccentric grey



| No.       | Description                                                 | Unit/palett | Unit |
|-----------|-------------------------------------------------------------|-------------|------|
| 231700-03 | KGR Reducer, eccentric DN/OD 125/110 grey NF single carton  | 240         | 20   |
| 232700-03 | KGR Reducer, eccentric DN/OD 160/110 grey NF single carton  | 240         | 20   |
| 232710-03 | KGR Reducer, eccentric DN/OD 160/125 grey NF single carton  | 160         | 20   |
| 233700-09 | KGR Reducer, eccentric DN/OD 200/160 grey NF palette carton | 130         | 1    |
| 234700-09 | KGR Reducer, eccentric DN/OD 250/200 grey NF palette carton | 54          | 1    |
| 235700-09 | KGR Reducer, eccentric DN/OD 315/250 grey NF palette carton | 30          | 1    |

### KGBD – Bend 2M grey



| No.       | Description                                              | Unit/palett | Unit |
|-----------|----------------------------------------------------------|-------------|------|
| 238070-03 | KGBD Bend 2 M DN/OD 110 15 Degrees grey NF single carton | 180         | 15   |
| 238075-03 | KGBD Bend 2 M DN/OD 110 30 Degrees grey NF single carton | 180         | 15   |
| 238080-03 | KGBD Bend 2 M DN/OD 110 45 Degrees grey NF single carton | 180         | 15   |

### KGB – Bend SW grey



| No.       | Description                                                 | Unit/palett | Unit |
|-----------|-------------------------------------------------------------|-------------|------|
| 238085-03 | KGBD Bend 2 M SW DN/OD 110 87 Degrees grey NF single carton | 120         | 10   |
| 238088-03 | KGB Bend SW DN/OD 110 87 Degrees grey NF single carton      | 120         | 10   |

