

Skolan Safe®

# Soundproof pipe system

## Delivery range 2018



**Skolan**  
safe®

**Gebr. Ostendorf Kunststoffe GmbH**

Rudolf-Diesel-Straße 6–8 · 49377 Vechta · Germany

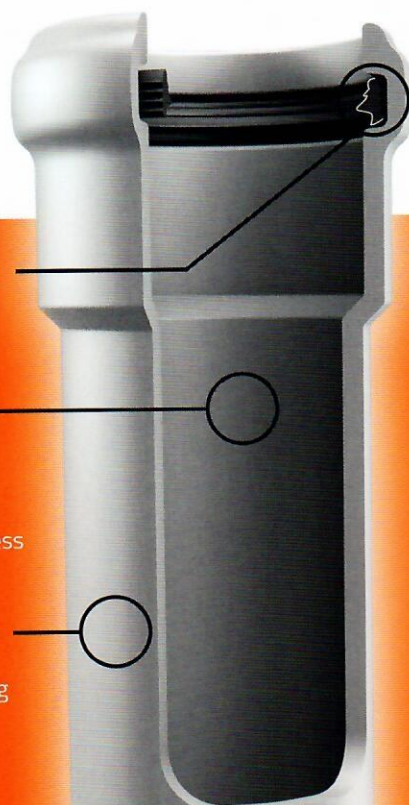
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www.ostendorf-kunststoffe.com

Skolan Safe®: Securer, quieter, better.

We have made the  
good even better.



**NEW:** Patented 3 lip seal  
Simple and secure  
installation

**NEW:** Hydraulically  
smooth inner  
surface  
Increased level of  
sound insulation  
through a frictionless  
water flow

**NEW:** Smoother outside  
surface  
With anti-smearing  
properties

17 dB (A)\*  
P-BA 221/2016

Z-42.1-217

25-year  
guarantee

Made in  
Germany

**Skolan**  
safe®

By continuous development of our in-house water waste system, we present Skolan Safe – a step forward in advancement for a complete solution for buildings of high standard.

The patented 3 lip seal makes processing and installation, quick and simple as never before and guarantees a secure seal even under the most adverse conditions.

A hydraulically smooth inner surface assures not only for a continuous fluid flow, but also that the sound emissions are also acutely reduced.

Curious? Than give us a call or send an e-mail. We would be happy to advise you in detail!

**Available from 2018**  
at all respected and renown wholesalers

Gebr. Ostendorf Kunststoffe GmbH

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# Material properties Skolan Safe®

## Soundproof pipe system

### Commerical Name

Ostendorf Skolan Safe®

### Material

mineral-reinforced polypropylene (PP)

- normal inflammability as per DIN 4102 B2

### Production

DIBt-approval Z-42.1-217

### Application

Soundproof pipe system

Drainage within the building structure  
until the transfer chamber as

- waste water pipe
- rain water pipe
- ventilation pipe

(see also areas of application DIN 1986-4)

### Nominal diameters (DN/OD)

58 / 78 / 90 / 110 / 135 / 160 / 200

### Colour

Light grey RAL 7035

### Seal

Factory inlaid SBR lip seal acc. to DIN 681

### Chemical Resistance

Discharge of aggressive media in the range pH2-pH12

(see also [www.ostendorf-kunststoffe.com](http://www.ostendorf-kunststoffe.com))

### Marking Pipes and Fittings

Permanent marking with manufacturer label, Skolan Safe, nominal diameter, approval No. Z-42.1-217, date of manufacture, material, building material class (fire behaviour)

- Fittings additionally bear information about the nominal angle

### Sound insulation

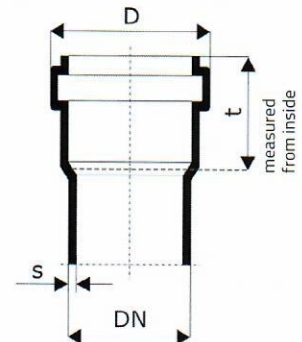
Measured value 17 dB (A)

Sound insulation test according to DIN EN 14366 (Fraunhofer Institute)

Noise emission at 4 litres volume flow to measurement with Bismat 1000 (P-BA 221/2016)

### Central vacuum cleaning system

Test certificate of the State Material Testing Institute Darmstadt



| DN (OD) | s (mm) | D (mm) | t (mm) |
|---------|--------|--------|--------|
| 58      | 4,0    | 76     | 60     |
| 78      | 4,5    | 97     | 61     |
| 90      | 4,5    | 110    | 64     |
| 110     | 5,3    | 136    | 84     |
| 135     | 5,3    | 160    | 80     |
| 160     | 5,3    | 191    | 102    |
| 200     | 6,2    | 237    | 123    |



## SKOLANSafeEM –Single socket pipe

| No.    | Description                                         | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|-----------------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332000 | SKOLANSafeEM Single socket pipe DN/OD 58 x 150 mm   | 4052836320001 | single unit | 18        | 432          | Unit changed |
| 332010 | SKOLANSafeEM Single socket pipe DN/OD 58 x 250 mm   | 4052836320100 | single unit | 20        | 320          | Unit changed |
| 332020 | SKOLANSafeEM Single socket pipe DN/OD 58 x 500 mm   | 4052836320209 | single unit | 12        | 192          | Unit changed |
| 332040 | SKOLANSafeEM Single socket pipe DN/OD 58 x 1000 mm  | 4052836320407 | single unit |           | 114          | Unit changed |
| 332060 | SKOLANSafeEM Single socket pipe DN/OD 58 x 2000 mm  | 4052836320605 | single unit |           | 114          | Unit changed |
| 332070 | SKOLANSafeEM Single socket pipe DN/OD 58 x 3000 mm  | 4052836320704 | single unit |           | 114          | Unit changed |
| 333000 | SKOLANSafeEM Single socket pipe DN/OD 78 x 150 mm   | 4052836330000 | single unit | 10        | 240          | Unit changed |
| 333010 | SKOLANSafeEM Single socket pipe DN/OD 78 x 250 mm   | 4052836330109 | single unit | 14        | 224          | Unit changed |
| 333020 | SKOLANSafeEM Single socket pipe DN/OD 78 x 500 mm   | 4052836330208 | single unit | 16        | 128          | Unit changed |
| 333040 | SKOLANSafeEM Single socket pipe DN/OD 78 x 1000 mm  | 4052836330406 | single unit |           | 70           | Unit changed |
| 333060 | SKOLANSafeEM Single socket pipe DN/OD 78 x 2000 mm  | 4052836330604 | single unit |           | 70           | Unit changed |
| 333070 | SKOLANSafeEM Single socket pipe DN/OD 78 x 3000 mm  | 4052836330703 | single unit |           | 70           | Unit changed |
| 334000 | SKOLANSafeEM Single socket pipe DN/OD 90 x 150 mm   | 4052836340009 | single unit | 8         | 192          | Unit changed |
| 334010 | SKOLANSafeEM Single socket pipe DN/OD 90 x 250 mm   | 4052836340108 | single unit | 8         | 128          | Unit changed |
| 334020 | SKOLANSafeEM Single socket pipe DN/OD 90 x 500 mm   | 4052836340207 | single unit | 12        | 96           | Unit changed |
| 334040 | SKOLANSafeEM Single socket pipe DN/OD 90 x 1000 mm  | 4052836340405 | single unit |           | 60           | Unit changed |
| 334060 | SKOLANSafeEM Single socket pipe DN/OD 90 x 2000 mm  | 4052836340603 | single unit |           | 60           | Unit changed |
| 334070 | SKOLANSafeEM Single socket pipe DN/OD 90 x 3000 mm  | 4052836340702 | single unit |           | 60           | Unit changed |
| 335000 | SKOLANSafeEM Single socket pipe DN/OD 110 x 150 mm  | 4052836350008 | single unit | 20        | 160          | Unit changed |
| 335010 | SKOLANSafeEM Single socket pipe DN/OD 110 x 250 mm  | 4052836350107 | single unit | 12        | 96           | Unit changed |
| 335020 | SKOLANSafeEM Single socket pipe DN/OD 110 x 500 mm  | 4052836350206 | single unit | 8         | 64           | Unit changed |
| 335040 | SKOLANSafeEM Single socket pipe DN/OD 110 x 1000 mm | 4052836350404 | single unit |           | 40           | Unit changed |
| 335060 | SKOLANSafeEM Single socket pipe DN/OD 110 x 2000 mm | 4052836350602 | single unit |           | 40           | Unit changed |
| 335070 | SKOLANSafeEM Single socket pipe DN/OD 110 x 3000 mm | 4052836350701 | single unit |           | 40           | Unit changed |
| 336000 | SKOLANSafeEM Single socket pipe DN/OD 135 x 150 mm  | 4052836360007 | single unit |           | 120          | Unit changed |
| 336010 | SKOLANSafeEM Single socket pipe DN/OD 135 x 250 mm  | 4052836360106 | single unit |           | 96           | Unit changed |
| 336020 | SKOLANSafeEM Single socket pipe DN/OD 135 x 500 mm  | 4052836360205 | single unit |           | 48           | Unit changed |
| 336040 | SKOLANSafeEM Single socket pipe DN/OD 135 x 1000 mm | 4052836360403 | single unit |           | 24           | Unit changed |
| 336060 | SKOLANSafeEM Single socket pipe DN/OD 135 x 2000 mm | 4052836360601 | single unit |           | 24           | Unit changed |
| 336070 | SKOLANSafeEM Single socket pipe DN/OD 135 x 3000 mm | 4052836360700 | single unit |           | 24           | Unit changed |
| 337000 | SKOLANSafeEM Single socket pipe DN/OD 160 x 150 mm  | 4052836370006 | single unit |           | 84           | Unit changed |
| 337010 | SKOLANSafeEM Single socket pipe DN/OD 160 x 250 mm  | 4052836370105 | single unit |           | 48           | Unit changed |
| 337020 | SKOLANSafeEM Single socket pipe DN/OD 160 x 500 mm  | 4052836370204 | single unit |           | 35           | Unit changed |
| 337040 | SKOLANSafeEM Single socket pipe DN/OD 160 x 1000 mm | 4052836370402 | single unit |           | 21           | Unit changed |
| 337060 | SKOLANSafeEM Single socket pipe DN/OD 160 x 2000 mm | 4052836370600 | single unit |           | 21           | Unit changed |
| 337070 | SKOLANSafeEM Single socket pipe DN/OD 160 x 3000 mm | 4052836370709 | single unit |           | 21           | Unit changed |
| 338000 | SKOLANSafeEM Single socket pipe DN/OD 200 x 150 mm  | 4052836380005 | single unit |           | 45           | Unit changed |
| 338010 | SKOLANSafeEM Single socket pipe DN/OD 200 x 250 mm  | 4052836380104 | single unit |           | 30           | Unit changed |
| 338020 | SKOLANSafeEM Single socket pipe DN/OD 200 x 500 mm  | 4052836380203 | single unit |           | 20           | Unit changed |
| 338040 | SKOLANSafeEM Single socket pipe DN/OD 200 x 1000 mm | 4052836380401 | single unit |           | 15           | Unit changed |
| 338060 | SKOLANSafeEM Single socket pipe DN/OD 200 x 2000 mm | 4052836380609 | single unit |           | 15           | Unit changed |
| 338070 | SKOLANSafeEM Single socket pipe DN/OD 200 x 3000 mm | 4052836380708 | single unit |           | 15           | Unit changed |



## SKOLANSafeGL – Plain end pipe

| No.    | Description                                                    | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|----------------------------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332080 | SKOLANSafeGL Plain end pipe DN/OD 58 x 3000 mm without socket  | 4052836320803 | single unit |           | 114          | Unit changed |
| 333080 | SKOLANSafeGL Plain end pipe DN/OD 78 x 3000 mm without socket  | 4052836330802 | single unit |           | 70           | Unit changed |
| 334065 | SKOLANSafeGL Plain end pipe DN/OD 90 x 2000 mm without socket  | 4052836340658 | single unit |           | 60           | Unit changed |
| 334080 | SKOLANSafeGL Plain end pipe DN/OD 90 x 3000 mm without socket  | 4052836340801 | single unit |           | 60           | Unit changed |
| 335080 | SKOLANSafeGL Plain end pipe DN/OD 110 x 3000 mm without socket | 4052836350800 | single unit |           | 40           | Unit changed |
| 336080 | SKOLANSafeGL Plain end pipe DN/OD 135 x 3000 mm without socket | 4052836360809 | single unit |           | 24           | Unit changed |
| 337080 | SKOLANSafeGL Plain end pipe DN/OD 160 x 3000 mm without socket | 4052836370808 | single unit |           | 21           | Unit changed |
| 338080 | SKOLANSafeGL Plain end pipe DN/OD 200 x 3000 mm without socket | 4052836380807 | single unit |           | 15           | Unit changed |



15°



30°



45°



67°



87°

## SKOLANSafeB – Bend

| No.    | Description                           | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|---------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332100 | SKOLANSafeB Bend DN/OD 58 15 Degrees  | 4052836321008 | 4           | 24        | 576          | Unit changed |
| 332110 | SKOLANSafeB Bend DN/OD 58 30 Degrees  | 4052836321107 | 4           | 24        | 576          | Unit changed |
| 332120 | SKOLANSafeB Bend DN/OD 58 45 Degrees  | 4052836321206 | 4           | 24        | 576          | Unit changed |
| 332130 | SKOLANSafeB Bend DN/OD 58 67 Degrees  | 4052836321305 | 4           | 20        | 480          | Unit changed |
| 332140 | SKOLANSafeB Bend DN/OD 58 87 Degrees  | 4052836321404 | 4           | 20        | 480          | Unit changed |
| 333100 | SKOLANSafeB Bend DN/OD 78 15 Degrees  | 4052836331007 | 4           | 16        | 384          | Unit changed |
| 333110 | SKOLANSafeB Bend DN/OD 78 30 Degrees  | 4052836331106 | 4           | 16        | 384          | Unit changed |
| 333120 | SKOLANSafeB Bend DN/OD 78 45 Degrees  | 4052836331205 | 4           | 20        | 320          | Unit changed |
| 333130 | SKOLANSafeB Bend DN/OD 78 67 Degrees  | 4052836331304 | 4           |           | 500          | Unit changed |
| 333140 | SKOLANSafeB Bend DN/OD 78 87 Degrees  | 4052836331403 | 2           | 20        | 320          | Unit changed |
| 334100 | SKOLANSafeB Bend DN/OD 90 15 Degrees  | 4052836341006 | 2           | 20        | 320          | Unit changed |
| 334110 | SKOLANSafeB Bend DN/OD 90 30 Degrees  | 4052836341105 | 2           | 20        | 320          | Unit changed |
| 334120 | SKOLANSafeB Bend DN/OD 90 45 Degrees  | 4052836341204 | 4           | 32        | 256          | Unit changed |
| 334140 | SKOLANSafeB Bend DN/OD 90 87 Degrees  | 4052836341402 | 2           | 16        | 256          | Unit changed |
| 335100 | SKOLANSafeB Bend DN/OD 110 15 Degrees | 4052836351005 | 4           | 24        | 192          | Unit changed |
| 335110 | SKOLANSafeB Bend DN/OD 110 30 Degrees | 4052836351104 | 4           | 24        | 192          | Unit changed |
| 335120 | SKOLANSafeB Bend DN/OD 110 45 Degrees | 4052836351203 | 4           | 24        | 192          | Unit changed |
| 335130 | SKOLANSafeB Bend DN/OD 110 67 Degrees | 4052836351302 | 4           | 20        | 160          | Unit changed |
| 335140 | SKOLANSafeB Bend DN/OD 110 87 Degrees | 4052836351401 | 2           | 16        | 128          | Unit changed |
| 336100 | SKOLANSafeB Bend DN/OD 135 15 Degrees | 4052836361004 | 2           |           | 180          | Unit changed |
| 336110 | SKOLANSafeB Bend DN/OD 135 30 Degrees | 4052836361103 | 2           |           | 160          | Unit changed |
| 336120 | SKOLANSafeB Bend DN/OD 135 45 Degrees | 4052836361202 | 4           |           | 140          | Unit changed |
| 336140 | SKOLANSafeB Bend DN/OD 135 87 Degrees | 4052836361400 | 2           |           | 96           | Unit changed |
| 337100 | SKOLANSafeB Bend DN/OD 160 15 Degrees | 4052836371003 | 2           |           | 92           | Unit changed |
| 337110 | SKOLANSafeB Bend DN/OD 160 30 Degrees | 4052836371102 | 2           |           | 84           | Unit changed |
| 337120 | SKOLANSafeB Bend DN/OD 160 45 Degrees | 4052836371201 | 2           |           | 60           | Unit changed |
| 337140 | SKOLANSafeB Bend DN/OD 160 87 Degrees | 4052836371409 | 2           |           | 60           | Unit changed |
| 338100 | SKOLANSafeB Bend DN/OD 200 15 Degrees | 4052836381002 | single unit |           | 40           | Unit changed |
| 338110 | SKOLANSafeB Bend DN/OD 200 30 Degrees | 4052836381101 | single unit |           | 38           | Unit changed |
| 338120 | SKOLANSafeB Bend DN/OD 200 45 Degrees | 4052836381200 | single unit |           | 38           | Unit changed |



87°



67°



45°

## SKOLANsafeEA – Branch

| No.    | Description                                  | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|----------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332200 | SKOLANsafeEA Branch DN/OD 58/58 45 Degrees   | 4052836322005 | 2           | 24        | 384          | Unit changed |
| 332300 | SKOLANsafeEA Branch DN/OD 58/58 67 Degrees   | 4052836323002 | 2           |           | 500          | Unit changed |
| 332400 | SKOLANsafeEA Branch DN/OD 58/58 87 Degrees   | 4052836324009 | 4           |           | 500          | Unit changed |
| 333210 | SKOLANsafeEA Branch DN/OD 78/58 45 Degrees   | 4052836332103 | 2           | 12        | 192          | Unit changed |
| 333310 | SKOLANsafeEA Branch DN/OD 78/58 67 Degrees   | 4052836333100 | 2           |           | 340          | Unit changed |
| 333410 | SKOLANsafeEA Branch DN/OD 78/58 87 Degrees   | 4052836334107 | 2           | 16        | 256          | Unit changed |
| 333200 | SKOLANsafeEA Branch DN/OD 78/78 45 Degrees   | 4052836332004 | 4           | 20        | 160          | Unit changed |
| 333300 | SKOLANsafeEA Branch DN/OD 78/78 67 Degrees   | 4052836333001 | 2           |           | 280          | Unit changed |
| 333400 | SKOLANsafeEA Branch DN/OD 78/78 87 Degrees   | 4052836334008 | 4           |           | 288          | Unit changed |
| 334220 | SKOLANsafeEA Branch DN/OD 90/58 45 Degrees   | 4052836342201 | 2           | 10        | 160          | Unit changed |
| 334420 | SKOLANsafeEA Branch DN/OD 90/58 87 Degrees   | 4052836344205 | 2           | 12        | 192          | Unit changed |
| 334210 | SKOLANsafeEA Branch DN/OD 90/78 45 Degrees   | 4052836342102 | 2           |           | 216          | Unit changed |
| 334410 | SKOLANsafeEA Branch DN/OD 90/78 87 Degrees   | 4052836344106 | 2           |           | 240          | Unit changed |
| 334200 | SKOLANsafeEA Branch DN/OD 90/90 45 Degrees   | 4052836342003 | 2           | 18        | 144          | Unit changed |
| 334400 | SKOLANsafeEA Branch DN/OD 90/90 87 Degrees   | 4052836344007 | 2           | 14        | 112          | Unit changed |
| 335220 | SKOLANsafeEA Branch DN/OD 110/58 45 Degrees  | 4052836352200 | 4           | 16        | 128          | Unit changed |
| 335320 | SKOLANsafeEA Branch DN/OD 110/58 67 Degrees  | 4052836353207 | 4           |           | 180          | Unit changed |
| 335420 | SKOLANsafeEA Branch DN/OD 110/58 87 Degrees  | 4052836354204 | 4           | 20        | 160          | Unit changed |
| 335210 | SKOLANsafeEA Branch DN/OD 110/78 45 Degrees  | 4052836352101 | 4           | 12        | 96           | Unit changed |
| 335310 | SKOLANsafeEA Branch DN/OD 110/78 67 Degrees  | 4052836353108 | 2           |           | 140          | Unit changed |
| 335410 | SKOLANsafeEA Branch DN/OD 110/78 87 Degrees  | 4052836354105 | 2           | 14        | 112          | Unit changed |
| 335200 | SKOLANsafeEA Branch DN/OD 110/110 45 Degrees | 4052836352002 | 4           | 12        | 96           | Unit changed |
| 335300 | SKOLANsafeEA Branch DN/OD 110/110 67 Degrees | 4052836353009 | 2           |           | 120          | Unit changed |
| 335400 | SKOLANsafeEA Branch DN/OD 110/110 87 Degrees | 4052836354006 | 4           | 12        | 96           | Unit changed |
| 336210 | SKOLANsafeEA Branch DN/OD 135/110 45 Degrees | 4052836362100 | 2           |           | 70           | Unit changed |
| 336410 | SKOLANsafeEA Branch DN/OD 135/110 87 Degrees | 4052836364104 | 2           |           | 40           | Unit changed |
| 336200 | SKOLANsafeEA Branch DN/OD 135/135 45 Degrees | 4052836362001 | 2           |           | 56           | Unit changed |
| 336400 | SKOLANsafeEA Branch DN/OD 135/135 87 Degrees | 4052836364005 | 2           |           | 40           | Unit changed |
| 337210 | SKOLANsafeEA Branch DN/OD 160/110 45 Degrees | 4052836372109 | 2           |           | 46           | Unit changed |
| 337410 | SKOLANsafeEA Branch DN/OD 160/110 87 Degrees | 4052836374103 | 2           |           | 46           | Unit changed |
| 337200 | SKOLANsafeEA Branch DN/OD 160/160 45 Degrees | 4052836372000 | 2           |           | 28           | Unit changed |
| 337400 | SKOLANsafeEA Branch DN/OD 160/160 87 Degrees | 4052836374004 | 2           |           | 32           | Unit changed |
| 338210 | SKOLANsafeEA Branch DN/OD 200/160 45 Degrees | 4052836382108 | single unit |           | 20           | Unit changed |
| 338200 | SKOLANsafeEA Branch DN/OD 200/200 45 Degrees | 4052836382009 | single unit |           | 14           | Unit changed |



## SKOLANSafeAM – Single socket

| No.    | Description                          | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|--------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332810 | SKOLANSafeAM Single socket DN/OD 58  | 4052836328106 | 4           | 24        | 576          | Unit changed |
| 333810 | SKOLANSafeAM Single socket DN/OD 78  | 4052836338105 | 4           | 16        | 384          | Unit changed |
| 334810 | SKOLANSafeAM Single socket DN/OD 90  | 4052836348104 | 2           | 14        | 224          | Unit changed |
| 335810 | SKOLANSafeAM Single socket DN/OD 110 | 4052836358103 | 4           | 36        | 288          | Unit changed |
| 336810 | SKOLANSafeAM Single socket DN/OD 135 | 4052836368102 | 4           |           | 160          | Unit changed |
| 337810 | SKOLANSafeAM Single socket DN/OD 160 | 4052836378101 | 2           |           | 120          | Unit changed |
| 338810 | SKOLANSafeAM Single socket DN/OD 200 | 4052836388100 | single unit |           | 45           | Unit changed |



## SKOLANSafeMM – Double socket

| No.    | Description                          | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|--------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332510 | SKOLANSafeMM Double socket DN/OD 58  | 4052836081551 | 4           |           | 1100         | New articles |
| 333510 | SKOLANSafeMM Double socket DN/OD 78  | 4052836081582 | 4           | 16        | 384          |              |
| 334510 | SKOLANSafeMM Double socket DN/OD 90  | 4052836081612 | single unit | 27        | 648          |              |
| 335510 | SKOLANSafeMM Double socket DN/OD 110 | 4052836081636 | 4           | 28        | 224          |              |
| 336510 | SKOLANSafeMM Double socket DN/OD 135 | 4052836081667 | 4           |           | 180          |              |
| 337510 | SKOLANSafeMM Double socket DN/OD 160 | 4052836081698 | 2           |           | 96           |              |
| 338510 | SKOLANSafeMM Double socket DN/OD 200 | 4052836081728 | single unit |           | 50           |              |



## SKOLANSafeL – Long socket

| No.    | Description                       | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|-----------------------------------|---------------|-------------|-----------|--------------|--------------|
| 335930 | SKOLANSafeL Long socket DN/OD 110 | 4052836359308 | 2           |           | 190          | Unit changed |



## SKOLANSafeM – Plug

| No.    | Description                | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|----------------------------|---------------|-------------|-----------|--------------|--------------|
| 332620 | SKOLANSafeM Plug DN/OD 58  | 4052836326201 | 4           |           | 1700         | Unit changed |
| 333620 | SKOLANSafeM Plug DN/OD 78  | 4052836336200 | 4           |           | 1100         | Unit changed |
| 334620 | SKOLANSafeM Plug DN/OD 90  | 4052836346209 | single unit | 76        | 1216         | Unit changed |
| 335620 | SKOLANSafeM Plug DN/OD 110 | 4052836356208 | 4           |           | 448          | Unit changed |
| 336620 | SKOLANSafeM Plug DN/OD 135 | 4052836366207 | 2           |           | 400          | Unit changed |
| 337620 | SKOLANSafeM Plug DN/OD 160 | 4052836376206 | 2           |           | 256          | Unit changed |
| 338620 | SKOLANSafeM Plug DN/OD 200 | 4052836386205 | 2           |           | 160          | Unit changed |



## SKOLANSafeU – Coupler

| No.    | Description                   | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|-------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332500 | SKOLANSafeU Coupler DN/OD 58  | 4052836325006 | 4           |           | 1100         | Unit changed |
| 333500 | SKOLANSafeU Coupler DN/OD 78  | 4052836335005 | 4           | 16        | 384          | Unit changed |
| 334500 | SKOLANSafeU Coupler DN/OD 90  | 4052836345004 | single unit | 27        | 648          | Unit changed |
| 335500 | SKOLANSafeU Coupler DN/OD 110 | 4052836355003 | 4           | 28        | 224          | Unit changed |
| 336500 | SKOLANSafeU Coupler DN/OD 135 | 4052836365002 | 4           |           | 180          | Unit changed |
| 337500 | SKOLANSafeU Coupler DN/OD 160 | 4052836375001 | 2           |           | 96           | Unit changed |
| 338500 | SKOLANSafeU Coupler DN/OD 200 | 4052836385000 | single unit |           | 50           | Unit changed |



## SKOLANSafe – Connection to HT

| No.    | Description                                                                                                                         | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|-------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332830 | SKOLANSafe Connection to HT DN/OD 58 – short version<br><b>Discontinued article, will be replaced by sleeve solution in Q2/2018</b> | 4052836328304 | single unit | 20        | 480          | Unit changed |
| 332820 | SKOLANSafe Connection to HT DN/OD 58 – long version<br><b>Discontinued article, will be replaced by sleeve solution in Q2/2018</b>  | 4052836328205 | 4           |           | 2200         | Unit changed |
| 333830 | SKOLANSafe Connection to HT DN/OD 75                                                                                                | 4052836338303 | single unit | 20        | 480          | Unit changed |
| 336820 | SKOLANSafe Connection to HT/KG DN/OD 125                                                                                            | 4052836368201 | 4           |           | 160          | Unit changed |

## Skolan Safe – Transition sleeve

| No.    | Description                                                | EAN           | bundle size | Unit/ crt | Unit/ pallet |                                    |
|--------|------------------------------------------------------------|---------------|-------------|-----------|--------------|------------------------------------|
| 910833 | SKOLANSafe transition sleeve Skolan Safe 58/ HT Safe 50 mm | 4052836086754 | single unit | 20        | 2560         | New article available from Q2/2018 |



## SKOLANSafeDA – Double branch

| No.    | Description                                             | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|---------------------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 334900 | SKOLANSafeDA Double branch DN/OD 90/90/90 87 Degrees    | 4052836349002 | single unit | 5         | 120          | Unit changed |
| 335900 | SKOLANSafeDA Double branch DN/OD 110/110/110 87 Degrees | 4052836359001 | 2           |           | 72           | Unit changed |



## SKOLANSafeED/EP – Double corner branch

| No.    | Description                                                    | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|----------------------------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 334910 | SKOLANSafeED Double corner branch DN/OD 90/90/90 87 Degrees    | 4052836349101 | single unit |           | 54           | Unit changed |
| 335910 | SKOLANSafeED Double corner branch DN/OD 110/110/110 87 Degrees | 4052836359100 | single unit |           | 72           | Unit changed |
| 335975 | SKOLANSafeEP Double corner branch DN/OD 110/110/78/87 left     | 4025075373756 | single unit |           | 60           | Unit changed |
| 335985 | SKOLANSafeEP Double corner branch DN/OD 110/110/78/87 right    | 4025075373855 | single unit |           | 60           | Unit changed |



## SKOLANSafePA – Parallel branch

| No.    | Description                                           | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|-------------------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 335920 | SKOLANSafePA Parallel branch DN/OD 110/110 87 Degrees | 4052836359209 | single unit |           | 80           | Unit changed |



## SKOLANSafeSW – Siphon bend

| No.    | Description                          | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|--------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 335940 | SKOLANSafeSW Siphon bend DN/OD 58/40 | 4052836359407 | single unit | 54        | 1296         | Unit changed |



## SKOLANSafeR – Reducer

| No.    | Description                       | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|-----------------------------------|---------------|-------------|-----------|--------------|--------------|
| 333710 | SKOLANSafeR Reducer DN/OD 78/58   | 4052836337108 | 4           | 20        | 480          | Unit changed |
| 334720 | SKOLANSafeR Reducer DN/OD 90/58   | 4052836347206 | 4           |           | 1000         | Unit changed |
| 334710 | SKOLANSafeR Reducer DN/OD 90/78   | 4052836347107 | 4           |           | 640          | Unit changed |
| 335720 | SKOLANSafeR Reducer DN/OD 110/58  | 4052836357205 | 4           | 16        | 384          | Unit changed |
| 335710 | SKOLANSafeR Reducer DN/OD 110/78  | 4052836357106 | 2           | 18        | 432          | Unit changed |
| 335700 | SKOLANSafeR Reducer DN/OD 110/90  | 4052836357007 | 2           | 14        | 224          | Unit changed |
| 336710 | SKOLANSafeR Reducer DN/OD 135/110 | 4052836367105 | 4           |           | 240          | Unit changed |
| 337710 | SKOLANSafeR Reducer DN/OD 160/110 | 4052836377104 | 2           |           | 212          | Unit changed |
| 337700 | SKOLANSafeR Reducer DN/OD 160/135 | 4052836377005 | 2           |           | 120          | Unit changed |
| 338710 | SKOLANSafeR Reducer DN/OD 200/160 | 4052836387103 | 2           |           | 60           | Unit changed |



## SKOLANSafe – Reducer Skolan/HT

| No.    | Description                              | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332750 | SKOLANSafe Reducer Skolan/HT DN/OD 58/40 | 4052836327505 | 4           |           | 1100         | Unit changed |
| 333750 | SKOLANSafe Reducer Skolan/HT DN/OD 78/50 | 4052836337504 | 4           |           | 1100         | Unit changed |



## SKOLANSafeRE – Inspection pipe

| No.    | Description                            | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|----------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 332600 | SKOLANSafeRE Inspection pipe DN/OD 58  | 4052836326003 | 4           |           | 576          | Unit changed |
| 333600 | SKOLANSafeRE Inspection pipe DN/OD 78  | 4052836336002 | 4           |           | 320          | Unit changed |
| 334600 | SKOLANSafeRE Inspection pipe DN/OD 90  | 4052836346001 | single unit | 9         | 216          | Unit changed |
| 335600 | SKOLANSafeRE Inspection pipe DN/OD 110 | 4052836356000 | 4           |           | 96           | Unit changed |
| 336600 | SKOLANSafeRE Inspection pipe DN/OD 135 | 4052836366009 | 2           |           | 40           | Unit changed |
| 337600 | SKOLANSafeRE Inspection pipe DN/OD 160 | 4052836376008 | single unit |           | 40           | Unit changed |
| 338600 | SKOLANSafeRE Inspection pipe DN/OD 200 | 4052836386007 | single unit |           | 20           | Unit changed |



## SKOLANSafeLB – Long bend

| No.    | Description                                 | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|---------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 335960 | SKOLANSafeLB Long bend DN/OD 110 45 Degrees | 4052836359605 | 2           |           | 112          | Unit changed |



## Skolan Safe – Lip seal

| No.    | Description                                        | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|----------------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 880605 | Lip seal DN 58 (Skolan Safe)                       | 4052836806055 | single unit |           | 16512        | New articles |
| 880615 | Lip seal DN 78 (Skolan Safe)                       | 4052836014054 | single unit |           | 10764        |              |
| 880047 | Lip seal DN 90 (HT Safe/Skolan Safe)               | 4052836003768 | single unit |           | 8736         |              |
| 880635 | Lip seal DN 110 (Skolan Safe/ <b>molded part</b> ) | 4052836014191 | single unit |           | 5220         |              |
| 880400 | Lip seal DN 110 (KG2000/ <b>pipe</b> )             | 4052836804006 | single unit |           | 3364         |              |
| 880645 | Lip seal DN 135 (Skolan Safe)                      | 4052836014238 | single unit |           | 2772         | Unit changed |
| 880420 | Lip seal DN 160 (KG2000)                           | 4052836804204 | single unit |           | 1092         | Unit changed |
| 880430 | Lip seal DN 200 (KG2000)                           | 4052836804303 | single unit |           | 600          | Unit changed |



## Skolan Safe – NBR lip seal

| No.    | Description                                                              | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|--------------------------------------------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 880705 | NBR lip seal – oil resistant – DN 58 (Skolan Safe)                       | 4052836014252 | single unit |           | 14112        | New articles |
| 880715 | NBR lip seal – oil resistant – DN 78 (Skolan Safe)                       | 4052836014276 | single unit |           | 10764        |              |
| 880247 | NBR lip seal – oil resistant – DN 90 (HT Safe/Skolan Safe)               | 4052836004109 | single unit |           | 13000        |              |
| 880735 | NBR lip seal – oil resistant – DN 110 (Skolan Safe/ <b>molded part</b> ) | 4052836014290 | single unit |           | 5481         |              |
| 880500 | NBR lip seal – oil resistant – DN 110 (KG2000/ <b>pipe</b> )             | 4052836805003 | single unit |           | 3300         |              |
| 880745 | NBR lip seal – oil resistant – DN 135 (Skolan Safe)                      | 4052836014313 | single unit |           | 2772         | Unit changed |
| 880520 | NBR lip seal – oil resistant – DN 160 (KG2000)                           | 4052836805201 | single unit |           | 960          | Unit changed |
| 880530 | NBR lip seal – oil resistant – DN 200 (KG2000)                           | 4052836805300 | single unit |           | 600          | Unit changed |



## Skolan Safe – Lip Seal for siphon bend

| No.    | Description                         | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|-------------------------------------|---------------|-------------|-----------|--------------|--------------|
| 881210 | Lip seal for siphon bend DN 40/30 B | 4052836812100 | single unit | 20        | 4800         | Unit changed |
| 881220 | Lip seal for siphon bend DN 40/40 C | 4052836812209 | single unit | 20        | 4800         | Unit changed |



## Skolan Safe – Pullout-protection

| No.    | Description                    | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|--------------------------------|---------------|-------------|-----------|--------------|--------------|
| 881505 | Pullout-protection DN (OD) 58  | 4052836815057 | single unit | 50        | 2400         | Unit changed |
| 881515 | Pullout-protection DN (OD) 78  | 4052836815156 | single unit | 30        | 1440         | Unit changed |
| 881520 | Pullout-protection DN (OD) 90  | 4052836815200 | single unit | 20        | 960          | Unit changed |
| 881535 | Pullout-protection DN (OD) 110 | 4052836086808 | single unit | 20        | 960          | Unit changed |
| 881545 | Pullout-protection DN (OD) 135 | 4052836815453 | single unit | 9         | 432          | Unit changed |
| 881580 | Pullout-protection DN (OD) 160 | 4052836815804 | single unit | 9         | 216          | Unit changed |
| 881585 | Pullout-protection DN (OD) 200 | 4052836815859 | single unit | 13        | 156          | Unit changed |



## Skolan Safe – Safety clamps for plugs

| No.                 | Description                         | EAN                 | bundle size | Unit/ crt | Unit/ pallet |              |
|---------------------|-------------------------------------|---------------------|-------------|-----------|--------------|--------------|
| 839010              | Safety clamps for plugs DN (OD) 58  | 4052836390103       | single unit |           | 2400         | Unit changed |
| 839020              | Safety clamps for plugs DN (OD) 78  | 4052836390202       | single unit |           | 1000         | Unit changed |
| 839030              | Safety clamps for plugs DN (OD) 90  | 4052836390301       | single unit |           | 88           | Unit changed |
| will follow in 2018 | Safety clamps for plugs DN (OD) 110 | will follow in 2018 |             |           |              | Unit changed |
| 839050              | Safety clamps for plugs DN (OD) 135 | 4052836390509       | single unit |           | 840          | Unit changed |
| 839060              | Safety clamps for plugs DN (OD) 160 | 4052836390608       | single unit |           | 448          | Unit changed |
| 839070              | Safety clamps for plugs DN (OD) 200 | 4052836390707       | single unit |           | 40           | Unit changed |



## Skolan Safe – Lubricant

| No.    | Description      | EAN           | bundle size | Unit/ crt | Unit/ pallet |              |
|--------|------------------|---------------|-------------|-----------|--------------|--------------|
| 881800 | Lubricant 150ml  | 4052836818003 | single unit | 50        | 1750         | Unit changed |
| 881810 | Lubricant 250ml  | 4052836818102 | single unit | 50        | 1800         | Unit changed |
| 881820 | Lubricant 500ml  | 4052836818201 | single unit | 24        | 864          | Unit changed |
| 881830 | Lubricant 1000ml | 4052836818300 | single unit | 12        | 432          | Unit changed |