



OKAPAK

HIGH-CLASS PVC CLADDING



- Extensive range with bends, T-pieces and foils
- Impact-resistant, durable cladding
- Clever inventory reduction due to multiple Okapak bend combinations
- Made in Germany

# OVERVIEW TWO-PIECE (WELDED) ELBOWS

Ø	20 mm	25 mm	30 mm	35 mm	40 mm	45 mm	50 mm	60 mm	80 mm	100 mm
15	W				W					
17	W, D, G	W, D	W, D, G		W			W	W	
21	W, D, G	W, D, G	W, D, G		W					
27	W, D, G	W, D, G	W, D, G		W					
33	W, D, G	W, D, G	W, D, G, SML	W	W, D, G		W, D			
38	W, SML	W	W, SML		W, SML					
42	W, D	W, D, G	W, D, G, SML	W	W, D		W, D			
44	W, D	W, D, G	W, D, G, SML	W	W, D		W, D			
48	W, SML	W, D, G	W, D, G, SML	W	W, D, SML	W	W			
57	W	W	W	W	W	W	W	W		
60	W, D, G	W, D, G, SML	W, D, G, SML	W	W, D, G	W	W, D, G	W		
64	W	W	W	W	W	W	W	W		
70	W, SML	W	W, SML	W	W, SML	W	W	W	W	
76	W	W	W, SML	W	W, SML	W	W, SML	W	W	
83	W	W	W	W	W	W	W	W	W	
89	W	W	W, SML	W	W, SML	W	W, SML	W	W	
102	W, SML		W, SML	W	W, SML	W	W	W	W	W
108	W		W	W	W	W	W	W	W	W
114	W		W, G	W	W	W	W, D	W	W	W
127	SML		W, SML	W	W, SML	W	W	W	W	W
133			W	W	W	W	W	W	W	W
140	SML		SML		W, SML	W	W	W	W	W
159					W	W	W	W	W	W
168					W	W	W	W	W	W
194						W	W	W	W	W
219						W	W	W	W	W
267							W	W	W	W

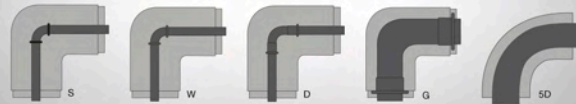

 W D G SML 45°



# OVERVIEW ONE-PIECE ELBOWS

Ø	20 mm	25 mm	30 mm	35 mm	40 mm	45 mm	50 mm	60 mm	80 mm	100 mm
15		Se	Se	Se	Se		Se			
17	Se, We, De, Ge, SD	Se, We, SD	Se, De, Ge, SD	Se	Se, De, Ge, SD		Se, De, Ge, SD			
21	Se, We, De, Ge, SD	Se, We, SD	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se	Se, De, Ge, SD			
27	Se, We, De, Ge, SD	Se, We, SD	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se	Se, De, Ge, SD			
33	Se, We, De, Ge, SD	Se, We, SD	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se	Se, De, Ge, SD			
38	Se	Se	Se	Se	Se	Se	Se			
42	Se, We, De, Ge, SD	Se, We, SD	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se, De		
44	Se, We, De, Ge, SD	Se, We, SD	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se, De		
48	Se, We, De, Ge, SD	Se, We, SD	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se, De		
57	Se	Se	Se	Se	Se	Se	Se	Se		
60	Se, We, De, Ge, SD	Se, We, SD	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se	Se, De, Ge, SD	Se, De		
64	Se	Se	Se	Se	Se	Se	Se	Se		
70	Se	Se	Se	Se	Se	Se	Se	Se	Se	
76	Se, We	Se, We	Se, De, Ge	Se	Se, De, Ge	Se	Se, De	Se	Se	
83	Se	Se	Se	Se	Se	Se	Se	Se	Se	
89	Se, We	Se, We	Se, We	Se	Se, We	Se	Se	Se	Se	
102	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se
108	Se	Se	Se	Se	Se	Se	Se	Se	Se	Se
114	Se, We	Se	Se	Se	Se	Se	Se	Se	Se	Se
127		Se	Se	Se	Se	Se	Se	Se	Se	Se
133		Se	Se	Se	Se	Se	Se	Se	Se	Se
140		Se	Se		Se		Se	Se	Se	Se
159		Se	Se		Se					Se
168		Se	Se		Se					Se
194										
219										
267										

 Se
  We
  De
  Ge
  SD



## OKAPAK 90° TWO-PIECE BENDS

Two piece bends with strengthening welded back for perfect fitting. Overview of different application areas, depending on pipe radius and type:

**Okapak S bends:** Bends for standard application S shaped seamless stell pipe according to EN 10253-1, type 3 ( 1,5 d) with insulation  $\leq$  100 mm.

**Okapak W bends:** Bends for standard application W shaped angled tempered cast fittings according to EN 10242, A1, A4 with insulation  $\leq$  50 mm.

**Okapak D bends:** Bends for application D shaped short tempered cast fittings according to EN 10242, D1, D4 with insulation  $\leq$  50 mm.

**Okapak G bends:** Bends for application G shaped long tempered cast fittings according to EN 10242, G1, G4, G8 with insulation  $\leq$  30 mm.

**Okapak SML:** Bends for application of cast iron pipes with insulation  $\leq$  40 mm.

## OKAPAK 90° ONE-PIECE BENDS

Overview of different application areas, depending on pipe radius and type:

**Okapak S bends:** Bends for standard application S shaped seamless stell pipe according to EN 10253-1, type 3 ( 1,5 d) with insulation  $\leq$  100 mm.

**Okapak W bends:** Bends for standard application W shaped angled tempered cast fittings according to EN 10242, A1, A4 with insulation  $\leq$  50 mm.

**Okapak D bends:** Bends for application D shaped short tempered cast fittings according to EN 10242, D1, D4 with insulation  $\leq$  60 mm.

**Okapak G bends:** Bends for application G shaped long tempered cast fittings according to EN 10242, G1, G4, G8 with insulation  $\leq$  50 mm.

**Okapak 5D bends:** Bends for application 5D shaped long insulated tempered cast fittings according to DIN2605-1 with insulation  $\leq$  50 mm.



## OKAPAK 45° TWO-PIECE BENDS

Okapak 45°, welded bends with back strengthening perfectly match bends according to DIN 2605, Norm 3 (1,5 d) with insulation  $\leq$  50 mm.

## Technical Data - Okapak

Brief description	Economic coating system according to DIN 4140.
Material type	Shock resistant hard PVC foil with fire protection equipment. Surface: semigloss and smooth
Colour	light grey
Product Range	Rolls, bends, fitting caps, valve caps, flange caps, front caps, cut-outs and complete accessories
Applications	Jacket for insulated pipes (incl. bends, branches, fittings, flanges, o.s.) for protection of damages of mechanical stress.
Special Features	No weakening of insulating thickness of bends.
Manufacturing	Sheeting calender method, extruding; straight vacuum forming. Manufactured without metals cadmium, lead, mercury, chrome and their compound, without use of silicone, unplasticised

Property	Value/Assessment	Test <sup>*1</sup>	Special Remark
<b>Temperature Range</b>			
Temperature Range	max. service temperature	+60 °C	If the object is correctly insulated and no direct contact exists to the jacket, the medium temperature can essentially be higher or lower.
	min. service temperature	-20 °C	
<b>Water vapour diffusion resistance</b>			
Water vapour diffusion resistance	μ	approx. 60.000	Tested according to DIN 53122-1
<b>Fire performance</b>			
Reaction to fire	Okapak SE	Low flammability (DIN 4102-B1)	D 5598 D 5599 Tested according to DIN 4102
	Okapak	Moderately flammable (DIN 4102-B2)	
<b>Other technical features</b>			
Density	Okapak SE 1,43 ± 0,02 g/cm <sup>3</sup> Okapak 1,39 ± 0,02 g/cm <sup>3</sup>		Tested according to DIN EN ISO 1183
Biological / chemical behaviour	Aging resistance: good. Stability against usual building materials: very good. Against chemicals: see separate list.		
Tensile impact strength	≥ 400 KJ/m <sup>2</sup>		Tested according to DIN EN ISO 8256
Tensile strength	> 35 N/mm <sup>2</sup>		Tested according to DIN EN ISO 527
Health aspects	Physiologically harmless, even when used in food processing plants. Odourless.		

\*1 Further documents such as test certificates, approvals and the like can be requested using the registration number given.

All data and technical information are based on results achieved under typical application conditions. Recipients of this information should, in their own interest and responsibility, clarify with us in due time whether or not the data and information apply to the intended application area.

## Okapak bends, 90°, two-pieces (welded)



Pipe max. Outside-Ø [mm]	20,0 mm			25,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
15	PB1720	S,W	440	-	-	-
17	PB1720	S,W	440	PB2720	S,W,D	300
17	PB2120	G	360	-	-	-
21	PB2120	S,W,D,G	360	PB3320	S,W,D,G	240
27	PB2720	S,W,D,G	300	PB2725	S,W,D,G	240
33	PB3320	S,W,D	240	PB3325	S,W,D	220
38	PB2130	S	260	PB4820	S	240
42	PB2130	S,W,D	260	PB3330	S,W,D	220
44	PB2130	S,W,D	260	PB3330	S,W,D	220
48	PB4820	S,W	240	PB4825	S,W,D	180
57	PB6020	S	180	PB6025	S	160
60	PB6020	S,W,G	180	PB6025	S,W,G	160
60	PB6420 ●	D	160	PB6425 ●	D	160
64	PB6420 ●	S	160	PB6425 ●	S	160
70	PBS7020 ●	S	140	PB7025 ●	S	120
76	PB7025 ●	S	120	PB4840	W	120
76	-	-	-	PBS7625 ●	S	120
83	PBS8325 ●	S	120	PBS8325 ●	S	120
89	PBS8325 ●	S	120	PB6040	W	80
89	-	-	-	PB8925 ●	S	80
102	PBS10820 ●	S	60	-	-	-
108	PBS10820 ●	S	60	-	-	-
114	PBS10830	S	80	-	-	-

Pipe max. Outside-Ø [mm]	30,0 mm			35,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
17	PB2725	S,D,G	240	-	-	-
17	PBW1730	W	240	-	-	-
21	PB2130	S,D	260	-	-	-
21	PBW2130	W	260	-	-	-
27	PB2730	S,W	260	-	-	-
33	PB3330	S,W	220	PB4830	S	160
38	PB4430	S	160	-	-	-
42	PB4430	S,W,D	160	PB6030	S	160
42	PB6420 ●	G	160	-	-	-
44	PB4430	S,W,D	160	PB6030	S	160
44	PB6420 ●	G	160	-	-	-
48	PB4830	S,W,D	160	PB6030	S	160
57	PB6030	S	160	PB6040	S	80
60	PB6030	S,W	160	PB6040	S	80
60	PB7025 ●	D	120	-	-	-
64	PBS6430 ●	S	140	PBS7035 ●	S	80
70	PBS7630	S	80	PBS7035 ●	S	80
76	PBS7630	S	80	PBS7040 ●	S	80
76	PBW7630	W	100	-	-	-
83	PBS8930	S	80	PBS8935 ●	S	80
89	PBS8930	S	80	PBS8935 ●	S	80
89	PBW8930	W	80	-	-	-
102	PBS10830	S	80	PBS10835	S	40
108	PBS10830	S	80	PBS10835	S	40
114	PBS10835	S	40	PBS11435 ●	S	40
127	PBS13330	S	40	PBS13335	S	40
133	PBS13330	S	40	PBS13335	S	40

## Okapak bends, 90°, two-pieces (welded)



Pipe max. Outside-Ø [mm]	40,0 mm			45,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
15	PB1740 ●	S,W	180	-	-	-
17	PB1740 ●	S,W	180	-	-	-
21	PB2140	S,W	160	-	-	-
27	PB2740	S,W	160	-	-	-
33	PB3340	S,W	160	-	-	-
38	PB6030	S	160	-	-	-
42	PB4240	S,W,D	120	-	-	-
44	PB4240	S,W,D	120	-	-	-
48	PB4840	S,D	120	PB6040	S	80
48	PBW4840	W	120	-	-	-
57	PB6040	S	80	PBW8930	S	80
60	PB6040	S,D	80	PBW8930	S	80
64	PBS7040 ●	S	80	PBS7045 ●	S	40
70	PBS7040 ●	S	80	PBS7045 ●	S	40
76	PB7640	S,W	60	PBS7050 ●	S	60
83	PBS8940	S	40	PBS6060	S	60
89	PBS8940	S	40	PBS6060	S	60
89	PBW8940	W	40	-	-	-
102	PBS10840	S	40	PBS11440	S	40
108	PBS10840	S	40	PBS11445 ●	S	40
114	PBS11440	S	40	PBS11445 ●	S	40
114	PBW11440	W	40	-	-	-
127	PBS13340	S	40	PBS13345 ●	S	40
133	PBS13340	S	40	PBS13345 ●	S	40
140	PBS14040	S	30	PBS14045 ●	S	40
159	PBS15940	S	60	PBS15945 ●	S	60
168	PBS16840	S	60	PBS15950	S	40

Pipe max. Outside-Ø [mm]	50,0 mm			60,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
17	-	-	-	PB7670	S	40
33	PB3350	S,W	80	-	-	-
42	PB4250	S,W	80	-	-	-
44	PB4250	S,W	80	-	-	-
48	PBS4850	S	60	-	-	-
57	PB6050	S	60	PBS6060	S	60
60	PB6050	S,W,D	60	PBS6060	S	60
64	PBS7050 ●	S	60	PBS6460 ●	S	40
70	PBS7050 ●	S	60	PBS7660	S	40
76	PB7650	S,W	40	PBS7660	S	40
83	PB8950	S	40	PBS8960 ▲	S	40
89	PB8950	S,W	40	PBS8960 ▲	S	40
102	PBS10850	S	40	PBS10860 ▲	S	40
108	PBS10850	S	40	PBS10860 ▲	S	40
114	PBS11450	S	40	PBS11460 ▲	S	40
114	PBW11450	W	40	-	-	-
127	PBS13350	S	60	PBS13360 ▲	S	40
133	PBS13350	S	60	PBS13360 ▲	S	40
140	PBS14050	S	60	PBS14060 ▲	S	40
159	PBS15950	S	40	PBS15960	S	40
168	PBS16850	S	40	PBS16860	S	40
194	PBS19450 ●	S	40	PBS19460 ●	S	40
219	PBS21950	S	40	PBS21960	S	40
267	-	-	-	PBS26760 ●	S	40

## Okapak bends, 90°, two-pieces (welded)



Pipe max. Outside- Ø [mm]	80,0 mm			100,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
17	<b>PB7670</b>	S	40	-	-	-
70	<b>PBS7680</b>	S	40	-	-	-
76	<b>PBS7680</b>	S	40	-	-	-
83	<b>PBS8980 ▲</b>	S	40	-	-	-
89	<b>PBS8980 ▲</b>	S	40	-	-	-
102	<b>PBS10880 ▲</b>	S	40	<b>PBS108100 ▲</b>	S	40
108	<b>PBS10880 ▲</b>	S	40	<b>PBS108100 ▲</b>	S	40
114	<b>PBS11480 ▲</b>	S	40	<b>PBS114100 ▲</b>	S	40
127	<b>PBS13380 ▲</b>	S	40	<b>PBS133100 ▲</b>	S	40
133	<b>PBS13380 ▲</b>	S	40	<b>PBS133100 ▲</b>	S	40
140	<b>PBS14080 ▲</b>	S	40	<b>PBS140100 ▲</b>	S	40
159	<b>PBS15980 ●▲</b>	S	40	<b>PBS159100 ▲</b>	S	40
168	<b>PBS16880 ▲</b>	S	40	<b>PBS168100 ▲</b>	S	40
194	<b>PBS19480 ●▲</b>	S	40	<b>PBS194100 ●▲</b>	S	20
219	<b>PBS21980 ▲</b>	S	20	<b>PBS219100 ▲</b>	S	20
267	<b>PBS26780 ●▲</b>	S	20	<b>PBS267100 ●▲</b>	S	20

▲ Segment-similar form

● Item not in stock. Delivery on request. [MTO]

## Okapak bends 90° SML two-pieces (welded)



Nominal width DN	20,0 mm		30,0 mm	
	Code	Pieces/carton	Code	Pieces/carton
40	<b>PB4820</b>	240	<b>PB4830</b>	160
50	-	-	<b>PB6030</b>	160
50	<b>PB6020</b>	180	-	-
50	<b>PB6030</b>	160	<b>PBW7630</b>	100
100	<b>PB7640</b>	60	<b>PB7650</b>	40
125	<b>PB8950</b>	40	<b>PBW11440</b>	40
125	<b>PBW11450</b>	40	<b>PBS7680</b>	40

Nominal width DN	40,0 mm			
	Code	Pieces/carton		
40	<b>PBW4840</b>	120	-	-
50	<b>PB6040</b>	80	-	-
70	<b>PB6050</b>	60	-	-
100	<b>PBW11440</b>	40	-	-
125	<b>PBW11450</b>	40	-	-
150	<b>PBS8980 ▲</b>	40	-	-

▲ Segment-similar form

## Okapak bends 45° two-piece (welded)



Pipe max. Outside-Ø [mm]	20,0 mm		25,0 mm	
	Code	Pieces/carton	Code	Pieces/carton
21	<b>PB452120</b>	400	-	-
27	<b>PB452720</b>	300	<b>PB452725</b>	250
33	<b>PB453320</b>	260	<b>PB453325</b>	200
42	-	-	<b>PB454225</b>	140
44	-	-	<b>PB454225</b>	140
48	-	-	<b>PB454825</b>	180
60	-	-	<b>PB456025</b>	160



## Okapak bends 45° two-piece (welded)



Pipe max. Outside-Ø [mm]	30,0 mm		40,0 mm	
	Code	Pieces/carton	Code	Pieces/carton
27	<b>PB452730</b>	250	-	-
33	-	-	<b>PB453340</b>	160
42	<b>PB454230</b>	160	-	-
44	<b>PB454230</b>	160	-	-
48	-	-	<b>PB454840</b>	160
60	<b>PB456030</b>	160	<b>PB456040</b>	160
76	<b>PB457630</b>	140	<b>PB457640</b>	120
89	<b>PB458930</b>	140	<b>PB458940</b>	100

Pipe max. Outside-Ø [mm]	50,0 mm			
	Code	Pieces/carton		
60	<b>PB456050</b>	140	-	-
76	<b>PB457650</b>	100	-	-
83	<b>PB8950</b>	40	-	-
89	<b>PB458950</b>	100	-	-
127	<b>PBS13350</b>	60	-	-

## Okapak bends 90° one-piece



Pipe max. Outside-Ø [mm]	20,0 mm			25,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
15	-	-	-	<b>PBS2720E</b>	S	450
17	<b>PBS1720E</b>	S,W,D,G,5D	500	<b>PBS2720E</b>	S,W,5D	450
21	<b>PBS2120E</b>	S,W,D,G,5D	400	<b>PBS2125E</b>	S,W	500
21	-	-	-	<b>PBS3320E</b>	5D	450
27	<b>PBS2720E</b>	S,W,D,G,5D	450	<b>PBS2725E</b>	S,W	400
33	<b>PBS2125E</b>	W	500	<b>PBS2730E</b>	S,W	300
33	<b>PBS3320E</b>	S,D,G	450	-	-	-
38	<b>PBS2725E</b>	S	400	<b>PBS2730E</b>	S	300
42	<b>PBS2730E</b>	W	300	<b>PBS1740E ●</b>	W	300
42	<b>PBS4220E</b>	S,D,G	500	<b>PBS3330E</b>	S	300
42	-	-	-	<b>PBS6020E</b>	5D	200
44	<b>PBS2730E</b>	S,W	300	<b>PBS1740E ●</b>	W	300
44	<b>PBS4220E</b>	D,G	500	<b>PBS3330E</b>	S	300
44	-	-	-	<b>PBS6020E</b>	5D	200
48	<b>PBS2730E</b>	W	300	<b>PBS2140E ●</b>	W	300
48	<b>PBS4820E ●</b>	S,D	300	<b>PBS4230E</b>	S	400
57	<b>PBS6020E</b>	S	200	<b>PBS4830E</b>	S	300
60	<b>PBS2140E ●</b>	W	300	<b>PBS3340E</b>	W	200
60	<b>PBS6020E</b>	S,D	200	<b>PBS4830E</b>	S	300
64	<b>PBS4830E</b>	S	300	<b>PBS6030E</b>	S	300
70	<b>PBS7020E ●</b>	S	300	<b>PBS6030E</b>	S	300
76	<b>PBS1750E ●</b>	W	200	<b>PBS2750E ●</b>	W	200
76	<b>PBS6030E</b>	S	300	<b>PBS7625E ●</b>	S	200
83	<b>PBS7625E ●</b>	S	200	<b>PBS8920E</b>	S	180
89	<b>PBS3350E</b>	W	180	<b>PBS4250E</b>	W	100
89	<b>PBS8920E</b>	S	180	<b>PBS8925E ●</b>	S	180
102	<b>PBS10220E ●</b>	S	100	<b>PBS11420E ●</b>	S	100
108	<b>PBS10220E ●</b>	S	100	<b>PBS11420E ●</b>	S	100
114	<b>PBS11420E ●</b>	S	100	<b>PBS10230E ●</b>	S	100
114	<b>PBW6050E ●</b>	W	100	-	-	-
133	-	-	-	<b>PBS14025E ●</b>	S	100
140	-	-	-	<b>PBS14025E ●</b>	S	100
159	-	-	-	<b>PBS15925E ●</b>	S	50
168	-	-	-	<b>PBS16825E ●</b>	S	50

## Okapak bends 90° one-piece



Pipe max. Outside-Ø [mm]	30,0 mm			35,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
15	PBS2725E	S	400	PBS2730E	S	300
17	PBS2725E	S,W,D,G,5D	400	PBS2730E	S	300
21	PBS2130E	S,W,D,G	300	PBS1740E ●	S	300
21	PBS4220E	5D	500	-	-	-
27	PBS2730E	S,W,D,G,5D	300	PBS1740E ●	S	300
33	PBS1740E ●	W	300	PBS2740E ●	S	200
33	PBS3330E	S,D,G	300	-	-	-
33	PBS6020E	5D	200	-	-	-
38	PBS4230E	S	400	PBS3340E	S	200
42	PBS4230E	S,D,G	400	PBS3340E	S	200
42	PBS4830E	5D	300	-	-	-
44	PBS2740E ●	S	200	PBS3340E	S	200
44	PBS4230E	D,G	400	-	-	-
44	PBS4830E	5D	300	-	-	-
48	PBS2740E ●	W	200	PBS6030E	S	300
48	PBS4830E	S,G	300	-	-	-
57	PBS6030E	S	300	PBS4840E	S	200
60	PBS2150E	W	200	PBS7630E	S	180
60	PBS6030E	S,D,G	300	-	-	-
64	PBS4840E	S	200	PBS7630E	S	180
70	PBS7630E	S	180	PBS6040E	S	180
76	PBS10220E ●	G	100	PBS8930E	S	180
76	PBS3350E	W	180	-	-	-
76	PBS7630E	S	180	-	-	-
83	PBS8925E ●	S	180	PBS7640E	S	100
89	PBS4850E	W	100	PBS7640E	S	100
89	PBS8930E	S	180	-	-	-
102	PBS10230E ●	S	100	PBS11430E	S	100
108	PBS10230E ●	S	100	PBS11430E	S	100
114	PBS11430E	S	100	PBS10240E ●	S	100
133	PBS14025E ●	S	100	PBS14030E	S	50
140	PBS14030E	S	50	-	-	-
159	PBS16825E ●	S	50	-	-	-
168	PBS16830E	S	50	-	-	-

# Okapak bends 90° one-piece



Pipe max. Outside-Ø [mm]	40,0 mm			45,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
15	PBS1740E ●	S	300	-	-	-
17	PBS1740E ●	S,W,D,G,5D	300	-	-	-
21	PBS2140E ●	S,W,D,G,5D	300	PBS1750E ●	S	200
27	PBS2740E ●	S,W,D,G	200	PBS1750E ●	S	200
27	PBS4830E	5D	300	-	-	-
33	PBS1750E ●	W	200	PBS2750E ●	S	200
33	PBS3340E	S,D,G	200	-	-	-
33	PBS7020E ●	5D	300	-	-	-
38	PBS1750E ●	S	200	PBS3350E	S	180
42	PBS2150E	S,W,D	200	PBS3350E	S	180
42	PBS6030E	G	300	-	-	-
42	PBS7625E ●	5D	200	-	-	-
44	PBS2150E	W,D	200	PBS3350E	S	180
44	PBS2750E ●	S	200	-	-	-
44	PBS6030E	G	300	-	-	-
44	PBS7625E ●	5D	200	-	-	-
48	PBS2750E ●	W	200	PBS4250E	S	100
48	PBS4840E	S,D,G	200	-	-	-
48	PBS8920E	5D	180	-	-	-
57	PBS6040E	S	180	PBS4850E	S	100
60	PBS10220E ●	5D	100	PBS7640E	S	100
60	PBS6040E	S,D,G	180	-	-	-
60	PBW6040E ●	W	180	-	-	-
64	PBS4850E	S	100	PBS7640E	S	100
70	PBS7640E	S	100	PBS6050E	S	100
76	PBS11420E ●	G	100	PBS4860E ●	S	100
76	PBS4260E ●	W	100	-	-	-
76	PBS7640E	S	100	-	-	-
83	PBS8940E	S	100	PBS7650E	S	100
89	PBS4860E ●	W	100	PBS8950E	S	100
89	PBS8940E	S	100	-	-	-
102	PBS10240E ●	S	100	PBS11440E	S	100
108	PBS11440E	S	100	PBS11440E	S	100
114	PBS11440E	S	100	PBS10250E ●	S	50
133	PBS11450E	S	50	PBS14040E	S	50
140	PBS14040E	S	50	-	-	-
159	PBS15940E ●	S	50	-	-	-
168	PBS16840E ●	S	25	-	-	-

# Okapak bends 90° one-piece



Pipe max. Outside-Ø [mm]	50,0 mm			60,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
15	PBS1750E ●	S	200	-	-	-
17	PBS1750E ●	S,W,D,G,5D	200	-	-	-
21	PBS2150E	S,W,D,G,5D	200	-	-	-
27	PBS2750E ●	S,W,D,G,5D	200	-	-	-
33	PBS3350E	S,W,D,G	180	-	-	-
33	PBS7630E	5D	180	-	-	-
38	PBS4250E	S	100	-	-	-
42	PBS4250E	S,D,G	100	PBS4260E ●	S,D	100
42	PBS4850E	5D	100	-	-	-
42	PBW4250E ●	W	100	-	-	-
44	PBS4250E	D,G	100	PBS4260E ●	D	100
44	PBS4850E	S,5D	100	PBS4860E ●	S	100
44	PBW4250E ●	W	100	-	-	-
48	PBS4850E	S,D	100	PBS4860E ●	S,D	100
48	PBS7640E	G	100	-	-	-
48	PBS8930E	5D	180	-	-	-
48	PBW4850E ●	W	100	-	-	-
57	PBS6050E	S	100	PBS7650E	S	100
60	PBS6050E	S,D,G	100	PBS6060E ●	S,D	100
60	PBS8940E	5D	100	-	-	-
60	PBW6050E ●	W	100	-	-	-
64	PBS4860E ●	S	100	PBS6060E ●	S	100
70	PBS7650E	S	100	PBS7660E	S	100
76	PBS11430E	G	100	PBS7660E	S	100
76	PBS7650E	S	100	-	-	-
83	PBS8950E	S	100	PBS8960E ●	S	100
89	PBS8950E	S	100	PBS8960E ●	S	100
102	PBS10250E ●	S	50	PBS10260E ●	S	50
108	PBS10250E ●	S	50	PBS10260E ●	S	50
114	PBS11450E	S	50	PBS11460E ●	S	50
133	PBS14050E ●	S	25	PBS14060E ●	S	25
140	PBS14050E ●	S	25	PBS14060E ●	S	25

Pipe max. Outside-Ø [mm]	80,0 mm			100,0 mm		
	Code	Application angle type	Pieces/carton	Code	Application angle type	Pieces/carton
70	PBS7670E ●	S	100	-	-	-
76	PBS7670E ●	S	100	-	-	-
83	PBS8980E ●	S	60	-	-	-
89	PBS8980E ●	S	60	-	-	-
102	PBS10280E ●	S	50	PBS102100E ●	S	30
108	PBS10280E ●	S	50	PBS114100E ●	S	30
114	PBS11480E ●	S	50	PBS114100E ●	S	30
133	PBS14080E ●	S	25	PBS140100E ●	S	25
140	PBS14080E ●	S	25	PBS140100E ●	S	25
168	-	-	-	PBS168100E ●	S	50

● Item not in stock. Delivery on request. [MTO]



## Okapak branches



20,0 mm insulation thickness			
Pipe diameter main section [mm]	Pipe diameter Junction [mm]	Code	Pcs./collar
27	21	<b>PBA2721 ●</b>	10
33	21	<b>PBA3321 ●</b>	10
33	27	<b>PBA3327 ●</b>	10
33	33	<b>PBA3333 ●</b>	10
42	21	<b>PBA4221 ●</b>	10
42	27	<b>PBA4227 ●</b>	10
42	33	<b>PBA4233 ●</b>	10
48	27	<b>PBA4827 ●</b>	10
48	33	<b>PBA4833 ●</b>	10
48	42	<b>PBA4842 ●</b>	10
60	27	<b>PBA6027 ●</b>	10
60	33	<b>PBA6033 ●</b>	10
60	42	<b>PBA6042 ●</b>	10
60	48	<b>PBA6048 ●</b>	10

● Item not in stock. Delivery on request. [MTO]

## Okapak valve caps



type: for straight line valves and inclined seat valves, without insulation layer, with integrated pressure closure

Diameter [mm]	Length [mm]	Without insulation layer	
		Code	Pieces/carton
90	190	<b>PVK1 ●</b>	25
120	255	<b>PVK2 ●</b>	25
155	323	<b>PVK3 ●</b>	25

● Item not in stock. Delivery on request. [MTO]

## Okapak flange caps



type: without insulation, with integrated pressure closure

Diameter [mm]	Length [mm]	Without insulation layer	
		Code	Pieces/carton
150	145	<b>PFK15</b>	25
160	150	<b>PFK20</b>	25
180	150	<b>PFK25</b>	25
190	155	<b>PFK32</b>	25
200	155	<b>PFK40</b>	25
220	155	<b>PFK50</b>	25
250	165	<b>PFK65</b>	25
270	170	<b>PFK80</b>	25
300	170	<b>PFK100</b>	25
345	170	<b>PFK125</b>	25

## Okapak rosette endcapping



Length 5,0 m, material: aluminium AL99,5, surface smoothly

Light-grey with 2 fixing grooves				Aluminium with 2 fixing grooves			
Lamella length [mm]	Insulation thickness [mm]	Code	Rolls/carton	Lamella length [mm]	Insulation thickness [mm]	Code	Rolls/carton
18	20,0	<b>PEMBG18B</b>	10	18	20,0	<b>PEMBA18B</b>	10
28	30,0	<b>PEMBG28B</b>	10	28	30,0	<b>PEMBA28B</b>	10
38	40,0	<b>PEMBG38B</b>	10	38	40,0	<b>PEMBA38B</b>	10
48	50,0	<b>PEMBG48B</b>	10	48	50,0	<b>PEMBA48B</b>	10
58	60,0	<b>PEMBG58B</b>	10	58	60,0	<b>PEMBA58B</b>	10

## Okapak rivets



Color white or grey, type: rivets

Code	Article description	Pieces/bag	Pieces/carton
<b>PMN W</b>	rivet, white	1000	50000
<b>PMNG</b>	rivet, grey	1000	50000

## Okapak riveting tools



type: riveting tools

Code	Article description	Pieces/bag	Pieces/carton
<b>PMNWDUAL</b>	Combi - Straight & Angle	10	400
<b>PMNWG</b>	riveting tool, straight	15	450
<b>PMNWW</b>	riveting tool, angular	15	450

## Okapak foils



material: Okapak SE foil

Code	Thickness of material [mm]	Roll width [mm]	m <sup>2</sup> /pallet	Rolls/pallet
<b>PF251</b>	0.35	1000	1250	50
<b>PFSE251</b>	0.35	1000	1250	50

## Okapak foils cut-outs



Width 1.000,0 mm, material: PVC-foil cut-outs SE DIN 4102-B1 available with 20% surcharge. Material thickness: 0.35 MM

PZA - with strong latch effect					PZB - with self-seal cap and strong latch effect				
max. total outer diameter with 30 mm overlapping	Cut-out length	Code	Pcs./collar	Pieces/carton	max. total outer diameter with 30 mm overlapping	Cut-out length	Code	Pcs./collar	Pieces/carton
-	-	-	-	-	60	220	<b>PZB22</b>	10	400
65	240	<b>PZA24</b>	10	400	65	240	<b>PZB24</b>	10	400
70	260	<b>PZA26</b>	10	400	70	260	<b>PZB26</b>	10	400
82	290	<b>PZA29</b>	10	400	82	290	<b>PZB29</b>	10	400
89	310	<b>PZA31</b>	5	200	89	310	<b>PZB31</b>	5	200
95	330	<b>PZA33</b>	5	200	95	330	<b>PZB33</b>	5	200
100	350	<b>PZA35</b>	5	200	100	350	<b>PZB35</b>	5	200
105	360	<b>PZA36</b>	5	200	105	360	<b>PZB36 ●</b>	5	200
-	-	-	-	-	110	380	<b>PZB38 ●</b>	5	1
124	420	<b>PZA42 ●</b>	5	1	124	420	<b>PZB42 ●</b>	5	1
-	-	-	-	-	130	440	<b>PZB44 ●</b>	5	1
-	-	-	-	-	136	460	<b>PZB46 ●</b>	5	1
150	500	<b>PZA50 ●</b>	5	1	-	-	-	-	-
165	550	<b>PZA55 ●</b>	5	1	165	550	<b>PZB55 ●</b>	5	1
-	-	-	-	-	180	600	<b>PZB60 ●</b>	5	1
-	-	-	-	-	195	650	<b>PZB65 ●</b>	5	1
229	750	<b>PZA75 ●</b>	5	1	-	-	-	-	-
-	-	-	-	-	308	1000	<b>PZB100 ●</b>	5	1

### Remark

The specified dimensions are available in packaging units. Delivery ex stock 1-2 workdays from receipt of order. Other cuts-outs and packing units on request.

- Item not in stock. Delivery on request. [MTO]

## Okapak tapes self-adhesive



Length 25,0 m, Color light grey, type: plastic tape

Code	Width [mm]	Length [m]	Thickness [mm]	Rolls/carton
<b>PSKB19 •</b>	19,0	25	0,35	32
<b>PSKB25 •</b>	25,0	25	0,35	24
<b>PSKB30 •</b>	30,0	25	0,35	20
<b>PSKB50 •</b>	50,0	25	0,35	12

• Item not in stock. Delivery on request. [MTO]

