








13 AWADOCK

Overview of connection systems for lateral connections

Product variants connection systems AWADOCK Classic








Main pipe			Connection pipe					
Concrete, reinforced concrete, vitrified clay pipe			Basic sewer pipe *		Vitrified clay	GRP/cast iron		
Material	Wall thickness [mm]	Dimension	DN/OD 160	DN/OD 200	DN/OD 160	DN/ID 200	DN/OD 150	DN/ID 150
								
	37 - 60	≥ DN 300	Type K 11799901600	Type K** 11726091600 (can only be connected from DN 500)	Type K 11762011600		Type K 11762111600	
Concrete/ reinforced concrete pipes to DIN EN 1916	61 - 85		Type A 11799501600	Type A 11725791600 (erst anschließbar ab DN 400)	Type A 11760011600		Type A 11760511600	Type A 11761511600
	86 - 115		Type B 11799601600	Type B 11725891600	Type B 11760111600		Type B 11760611600	Type B 11761611600
Vitrified clay pipes to DIN EN 295-1 (circle and egg profile between 270° and 90°)	116 - 160		Type C 11799701600	Type C 11725991600	Type C 11760211600		Type C 11760711600	Type C 11761711600
	161 - 179		Type D 11799801600		Type D 11760411600	Type D 11760091600		
	180 - 199				Type E 11760051600	Type E 11760141600		
	200 - 219				Type F 11760061600	Type F 11760151600		
	220 - 239				Type G 11760071600	Type G 11760161600		
	240 - 260				Type H 11760081600	Type H 11760171600		
Borehole and tool								
Borehole diameter [mm]			200	257	200	257	200	200
Tolerance borehole [mm]			+ 2 / - 1	+ 2 / - 1	+ 2 / - 1	+ 2 / - 1	+ 2 / - 1	+ 2 / - 1
Drill bit Diamond, wet		Ø 200	11763011001		11763011001		11763011001	11763011001
		Ø 257		11763211001		11763211001		
Mounting wrench					11761111600			
Drill stand					11905571001			

* KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401

**without Q-TE-C







Product variants connection systems

AWADOCK Polymer / Polymer Liner

Material	Main pipe						Connection pipe			
	KG-* / composite- / concrete pipe						Basic sewer pipe *			
	Wall thickness [mm]		Dimension		DN/OD 160	DN/OD 200	DN/OD 160	DN/OD 200		
	Polymer DN 160	Polymer DN 200	Polymer Liner DN 160	Polymer Liner DN 200	Polymer	Polymer Liner				
							AWADOCK Polymer	AWADOCK Polymer Liner		
AWADOCK Polymer Basic sewer pipe PVC to EN 1401; PP to DIN EN 1852; PP-MD to EN 14758; PE to DIN 8074 and DIN 8075; GRP to DIN EN 14364	4,9 - 11		3 - 10		200	200	11715511200		1109701001	
	6 - 22	6 -15	3 - 20	3 - 15	250	250	11715611250	11725091250	11090721001	11090801001
		6 - 19	3 - 25		300 - 355	298 - 390		11725191315	11090731001	
	6 - 23			3 - 20	301 - 390	300 - 355	11715711315			11090811001
	8 - 27	8 - 23	3 - 25	3 - 25	391 - 490	391 - 490	11715811400	11725291400	11090741001	11090821001
	8 - 32	8 - 25	3 - 30	3 - 25	491 - 620	491 - 620	11715911500	11725391500	11090761001	11090831001
AWADOCK Polymer Liner Liner rehabilitated pipes	10 - 33	10 - 33	3 - 30	3 - 30	621 - 699	621 - 699	11716011630	11725491630	11090771001	11090841001
(circular and egg profile between 270° and 90°)	11 - 33	11 - 34	3 - 30	3 - 30	700 - 899	700 - 899	11720111800	11725591800	11090781001	11090851001
	13 - 33	13 - 34	3 - 30	3 - 30	900 - 1400	900 - 1400	11720211999	11725691999	11090791001	11090861001
Borehole and tool										
Borehole diameter [mm]							162	200	162	200
Tolerance borehole [mm]							+1 / -1	+1 / -1	+1 / -1	+1 / -1
					Ø 162		11763011001		11763011001	
Drill bit Diamond, wet					Ø 200			11763211001		11763211001
					Ø 162		11905471001		11905471001	
Drill bit, Diamond dry					Ø 200			11037151001		11037151001
					Ø 162		11904771001		11904771001	
Hole saw					Ø 200			11900281001		11900281001
					Ø 160		11904971001		11904971001	
Mounting wrench					Ø 200			11907391001		11907391001
Drill stand								11905571001		

*KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401








Product variants connection systems composite pipe / Liner

Main pipe				Connection pipe	
KG-* / composite- / concrete pipe				Basic sewer pipe*	
Material	Wall thickness [mm]	Dimension	DN/OD 160	DN/ID 200	DN/OD 160
AWADOCK composite pipe	AWADOCK Liner	AWADOCK composite pipe	AWADOCK Liner		
			AWADOCK composite pipe	AWADOCK Liner	
		DN OD 400 - DN ID 400	Type A 11917801160		
		DN OD 500 - DN ID 800	Type B 11917901160		
		DN OD 800 - DN OD 1200	Type C 11918001200		
Composite sewer pipes to DIN EN 13476-3	60 - 70	300			
	60 - 75	400			
	60 - 80	≥ 500			Type A 11917801160
	60 - 85	≥ 700			
	71 - 90	300			
	76 - 90	400			
	81 - 99	500			Type B 11917801160
	81 - 100	600			
	80 - 100	700			
	80 - 105	≥ 800			
Liner rehabilitated pipes	90 - 100	300			Type C 11917801160
	91 - 105	400			
	100 - 110	300			
	106 - 115	400			
	100 - 119	500			Type D 11917801160
	101 - 120	600			
	100 - 125	≥ 700			
	111 - 125	300			
	116 - 130	400			Type E 11917801160
	120 - 135	≥ 500			
Borehole and tool					
Borehole diameter [mm]			178	200	250
Tolerance borehole [mm]			+ 3 / - 1	+ 3 / - 1	+ 3 / - 1
					200
					+ 2 / - 1
Hole saw		Ø 178	13533901178		
		Ø 200		11900281001	
		Ø 250			11904571001
Drill bit Diamond, wet		Ø 200			11763011001
		Ø 257			11763211001
Mounting wrench					11761111600
Drill stand					11905871001

* KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401

**Please note that with higher wall thicknesses, the reinforcing steel may not be covered.

Product variants connection systems AWADOCK chamber

Main pipe			Connection pipe						
AWASCHACHT / level masonry / concrete chamber			Basic sewer pipe*				Vitrified clay		
Material	Wall thickness [mm]	Dimension	DN/OD 160	DN/OD 200	DN/OD 160	DN/OD 200	DN/ID 160	DN/OD 200	DN/ID 150
									
			AWADOCK Schacht	AWADOCK Schacht	AWADOCK Schacht				
AWASCHACHT PP DN 800 / DN 1000			11903651600	11913451600					
AWASCHACHT PP DN 800 / DN 1000 Type K/U			11911751600	11913551600					
Level masonry and rectangular Concrete chambers	≥ 60				11710011600	11713911600			
Wall duct incl. feed-through pipe and sealing gasket inside	≥ 60						11709911600		
Wall duct as manhole lintel Fitting, type K/U	≥ 60						11710211600		
Concrete chamber to DIN EN 1917							11705511600	11705611600	11705711600
Borehole and tool									
Borehole diameter [mm]			200	250	200	250	200	257	200
Tolerance borehole [mm]			+1 / -1	+1 / -1	+1 / -1	+1 / -1	+2 / -1	+2 / -1	+2 / -1
Hole saw		Ø 200	11900281001						
		Ø 250		11904571001					
Drill bit Diamond, wet		Ø 200			11763011001		11763011001		11763011001
		Ø 250				11763141001			
		Ø 257						11763211001	
Mounting wrench						11761111600			
Drill stand						11905571001			

* KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401

Product variants connection systems T-Flex / Combi-Set

Main pipe			Connection pipe					
Externally smooth pipes			Basic sewer pipe*					
Material	Wall thickness [mm]	Dimensions	DN/OD 110	DN/OD 160	DN/OD 200	DN/OD 250	DN/OD 315	DN/OD 400
								
			T-Flex			Combi-Set		
Externally smooth pipes, z. B. PP to DIN EN 1852; PVC to DIN EN 1401; GFK to DIN EN 14364 Guss to DIN EN 598; Fibre cement; Vitrified clay to DIN EN 295-1	independent	DN 200 - 400	Type A 11706111001					
		DN 250 - 500	Type B 11706211001					
		DN 300 - 500			Type C 11706311001			
Concrete/ Reinforced concrete pipes to DIN EN 1916	min. 55 mm**	min. 2 x drill hole diameter				11762311200	11762411200	11762511200
Borehole and tool								
Borehole diameter [mm]			122	172	212	276	341	426
Tolerance borehole [mm]			117 - 127	167 - 177	203 - 217	+ 1 / - 1	+ 1 / - 1	+ 1 / - 1
T-Flex hole cutter for plastic pipes			Ø 122	11706711001				
			Ø 172	11706811001				
			Ø 212	11706911001				
Drill bit, Diamand wet			Ø 276	11760471001				
			Ø 341	11760481001				
			Ø 426	11760491001				
Drill stand			11905571001					

* KG = basic sewer pipe; externally smooth pipes, e.g. to EN 1852 or PVC to EN 1401



Now new



With our digital selection guide, you can find the right AWADOCK for your application step by step: www.rehau.de/anschlussfinder

Areas of application and limits of use

Connection from

Connection to

<ul style="list-style-type: none"> Externally smooth polymer pipes DN 160 and DN 200 Vitrified clay pipes DN 150 GRP/cast iron pipes DN 150 	 <p>AWADOCK Classic</p>	<ul style="list-style-type: none"> Concrete pipes Reinforced concrete pipes Vitrified clay pipes
	 <p>AWADOCK Liner</p>	<ul style="list-style-type: none"> Concrete pipes renovated with liner Reinforced concrete pipes renovated with liner Vitrified clay pipes renovated with liner

<ul style="list-style-type: none"> Externally smooth polymer pipes DN 160 und DN 200 	 <p>AWADOCK Polymer</p>	<ul style="list-style-type: none"> Smooth-walled polymer pipes DN 200/250 to DN 1400
	 <p>AWADOCK Polymer Liner</p>	<ul style="list-style-type: none"> Pipes rehabilitated with liner DN 200/250 bis DN 1400

<ul style="list-style-type: none"> Externally smooth polymer pipes DN 160 and DN 200 	 <p>AWADOCK composite pipe</p>	<ul style="list-style-type: none"> Composite sewer pipes DN/OD 400 – DN/OD 1200
<ul style="list-style-type: none"> Externally smooth polymer pipes DN 250, DN 315 and DN 400 	 <p>Combi-Set</p>	<ul style="list-style-type: none"> Concrete pipes Reinforced concrete pipes
<ul style="list-style-type: none"> Externally smooth polymer pipes DN 110, DN 160 and DN 200 	 <p>AWADOCK T-Flex</p>	<ul style="list-style-type: none"> Thin-walled, externally smooth main pipes DN/OD 200 – DN/OD 500, such as PP, PVC, GRP, cast iron and fibre cement
<ul style="list-style-type: none"> Externally smooth polymer pipes DN 160 and DN 200 	 <p>AWADOCK chamber</p>	<ul style="list-style-type: none"> AWASCHACHT DN 800 and DN 1000 Concrete chambers Plan walls and rectangular concrete chambers



14 AWADOCK Classic

Connection to concrete and vitrified clay pipes

14.01 AWADOCK Classic**AWADOCK Classic with ball joint**

Application:

Connection of sewer pipes DN 160/200 made of PVC and PP to concrete pipes, reinforced concrete pipes or vitrified clay pipes

Properties:

infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	Wall thickness	Wall thickness	Borehole	Dimension main pipe	Weight	PG
			min. mm	max. mm				
160								
11799901600	K	160	37	60	200	≥ DN 300	1.951	60
11799501600	A	160	61	85	200		2.413	45
11799601600	B	160	86	115	200		2.601	45
11799701600	C	160	116	160	200		3.006	30
11799801600	D	160	161	179	200		3.598	30
200								
11726091600* ¹	K	200	37	60	257	≥ DN 500	6.054	45
11725791600	A	200	61	85	257	≥ DN 400	3.708	33
11725891600	B	200	86	115	257		4.078	33
11725991600	C	200	116	160	257		4.868	24

*¹ without Q-TE-C, DN 200 connection of other pipe materials possible by means of transition piece

AWADOCK Classic

Application:

connection of DN 160 PVC and PP sewer pipes to concrete pipes, reinforced concrete pipes or vitrified clay pipes

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Dimension main pipe	Weight kg/pc	PG pc
160								
11762011600	K	160	37	60	200	≥ DN 300	1.159	90
11760011600	A	160	61	85	200		1.61	75
11760111600	B	160	86	115	200		1.782	60
11760211600	C	160	116	160	200		2.167	45
11760411600	D	160	161	179	200		2.732	45

AWADOCK Classic to thick-walled reinforced concrete pipes

Application:

connection of sewer pipes DN 160/200 made of PVC and PP to thick-walled and multi-layer reinforced concrete pipes according to DIN 1916



Components:

- connection seal (matched to the wall thickness)
- screw-in crown (designed as a pipe bushing)
- AWADUKT PP SN4 connection pipe with double socket

Material:

- Styrene butadiene rubber (SBR)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black

Mat.-no.	Type	DN/OD	Wall thickness min.	Wall thickness max.	Borehole	Weight	PG
			mm	mm			
160							
11760051600	E	160	180	199	200	3.161	18
11760061600	F	160	200	219	200	3.718	18
11760071600	G	160	220	239	200	4.262	18
11760081600	H	160	240	260	200	4.171	18
200							
11760091600	D	200	161	179	257	6.082	12
11760141600	E	200	180	199	257	7.514	12
11760151600	F	200	200	219	257	6.692	12
11760161600	G	200	220	239	257	7.015	12
11760171600	H	200	240	260	257	7.73	12

AWADOCK Classic DN 150 vitrified clay

Application:

connection of DN 150 vitrified clay sewer pipes to concrete pipes, reinforced concrete pipes or vitrified clay pipes

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black

Note:

outer diameter vitrified clay connection pipe: 186 mm



Mat.-no.	Type	DN/OD	Wall thickness min.	Wall thickness max.	Borehole	Dimension main pipe	Weight	PG
			mm	mm				
150								
11762111600	K	150	37	60	200	≥ DN 300	2.032	75
11760511600	A	150	61	85	200		2.432	45
11760611600	B	150	86	115	200		2.57	45
11760711600	C	150	116	160	200		2.98	30

AWADOCK Classic DN 150 cast iron/GRP

Application:

connection of DN 150 ductile iron and GRP sewer pipes to concrete, reinforced concrete or vitrified clay pipes

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black

Note:

outer diameter cast iron/GFRP connection pipe:
168 - 170 mm



Mat.-no.	Type	DN/OD	Wall thickness min.	Wall thickness max.	Borehole	Weight	PG
			mm	mm			
150							
11761511600	A	150	61	85	200	2.456	45
11761611600	B	150	86	115	200	2.61	45
11761711600	C	150	116	160	200	3.004	45

14.02 Tools**Mounting wrench for AWADOCK**

Application:
especially for AWADOCK, universally applicable for all
types

Material:
stainless steel

Colour:
Silver



Mat.-no.	Description	Weight g/pc	PG pc
11761111600	for AWADOCK Classic (stainless steel)	750	1

AWADOCK Diamond drill bit, wet

Application:
for tapping GRP, concrete and reinforced concrete pipes
with soft to hard aggregates and medium to high rein-
forcement



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11763011001	connection: 1 1/4"UNC-coupler	200	10	1
11763211001	connection: 1 1/4"UNC-coupler	257	9.4	1

AWADOCK drill stand for smooth-walled pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- short preparation times, no fastening to the pipe required
- with retainers 53 mm, 48 mm and 43 mm

Components:

including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:
aluminium (Al)



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1



15 AWADOCK Liner

Connection to liner rehabilitated pipes

15.01 AWADOCK Liner

AWADOCK Liner with ball joint

Application:

connection of sewer pipes DN 160/200 made of PVC and PP to liner rehabilitated pipes

Properties:

infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	DN/OD	Wall thickness min.	Wall thickness max.	Borehole	Weight
				mm	mm		
11080001001	A	160	300	60	70	200	2.407
			400	60	75		
			≥ 500	60	80		
			≥ 700	60	85		
11080011001* ¹	B	160	300	71	90	200	2.407
			400	76	90		
			500	81	99		
			600	81	100		
			700	80	100		
11090511001	C	160	300	90	100	200	2.407
			400	91	105		
11090521001	D	160	300	100	110	200	2.407
			400	106	115		
			500	100	119		
			600	100	120		
11090531001* ¹	E	160	≥ 700	101	125	200	2.407
			300	111	125		
			400	116	130		
			≥ 500	120	135		

*¹ partially protrudes

15.02 Tools

Mounting wrench for AWADOCK

Application:
especially for AWADOCK, universally applicable for all types

Material:
stainless steel

Colour:
Silver



Mat.-no.	Description	Weight g/pc	PG pc
11761111600	for AWADOCK Classic (stainless steel)	750	1

AWADOCK Diamond drill bit, wet

Application:
for tapping GRP, concrete and reinforced concrete pipes with soft to hard aggregates and medium to high reinforcement



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11763011001	conncection: 1 1/4"UNC-coupler	200	10	1

AWADOCK drill stand for smooth-walled pipes

- Application:
- ensures drilling is conveniently guided at a right angle and in the centre
 - short preparation times, no fastening to the pipe required
 - with retainers 53 mm, 48 mm and 43 mm

Components:
including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:
aluminium (Al)



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1



16 AWADOCK Polymer / Polymer Liner

Connection to smooth-walled polymer pipes and liner-refurbished pipes

16.01 AWADOCK Polymer**AWADOCK Polymer**

Application:

connection of DN 160/200 PP, PE and PVC sewer pipes to smooth-walled plastic pipes and GRP pipes

Properties:

infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Orange
- retaining ring, Grey



Mat.-no.	Type	Main pipe DN/OD min.	Main pipe DN/OD max.	Connection DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Weight kg/pc	PG pc
160									
11715511200	200	200	200	160	4.9	11	162	1.786	48
11715611250	250	250	250	160	6	22	162	1.738	48
11715711315	315	301	390	160	6	23	162	1.711	48
11715811400	400	391	490	160	8	27	162	1.692	48
11715911500	500	491	620	160	8	32	162	1.68	48
11716011630	630	621	699	160	10	33	162	1.672	48
11720111800	800	700	899	160	11	33	162	1.662	48
11720211999	1000	900	1400	160	13	33	162	1.657	48
200									
11725091250	250	250	250	200	6	15	200	2.748	36
11725191315	315	300	355	200	6	19	200	2.682	36
11725291400	400	391	490	200	8	23	200	2.631	36
11725391500	500	491	620	200	8	25	200	2.61	36
11725491630	630	621	699	200	10	33	200	2.614	36
11725591800	800	700	899	200	11	34	200	2.594	36
11725691999	1000	900	1400	200	13	34	200	2.583	36

AWADOCK Polymer Liner

Application:

connection of sewer pipes DN 160/200 made of PVC and PP to liner rehabilitated pipes

Properties:

infinite angle adjustment by $\pm 7.5^\circ$ horizontally or vertically

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- housing inside, Grey
- housing outside, Orange

Note:

a cartridge gun is necessary on site



Mat.-no.	Type	Line diameter min.	Line diameter max.	Connection DN/OD	Wall thickness min. mm	Wall thickness max. mm	Borehole mm	Weight kg/pc	PG pc
160									
11090701001	200	200	200	160	3	10	162	2.292	48
11090721001	250	250	250	160	3	20	162	2.244	48
11090731001	315	298	390	160	3	25	162	2.217	48
11090741001	400	391	490	160	3	25	162	2.198	48
11090761001	500	491	620	160	3	30	162	2.186	48
11090771001	630	621	699	160	3	30	162	2.178	48
11090781001	800	700	899	160	3	30	162	2.168	48
11090791001	1000	900	1400	160	3	30	162	2.163	48
200									
11090801001	250	250	250	200	3	15	200	3.254	36
11090811001	315	300	355	200	3	20	200	3.188	36
11090821001	400	391	490	200	3	25	200	3.137	36
11090831001	500	491	620	200	3	25	200	3.116	36
11090841001	630	621	699	200	3	30	200	3.12	36
11090851001	800	700	899	200	3	30	200	3.1	36
11090861001	1000	900	1400	200	3	30	200	3.089	36

16.02 Tools**AWADOCK PC mounting wrench set**

Application:
specially developed for the assembly of AWADOCK
Polymer and AWADOCK Polymer Liner

Material:
Stainless steel

Colour:
Silver



Mat.-no.	Description	Weight kg/pc	PG pc
11904971001	AWADOCK Polymer DN 160 (2 pcs)	1	1
11907391001	AWADOCK Polymer DN 200 (2 pcs)	1.2	1

AWADOCK Diamond drill bit, wet

Application:
for tapping GRP, concrete and reinforced concrete pipes
with soft to hard aggregates and medium to high rein-
forcement



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11763171001	connction: 1 1/4"UNC-coupler	162	10	1
11763011001	connction: 1 1/4"UNC-coupler	200	10	1

AWADOCK hole saw

Application:
for tapping polymer pipes and chambers, including hole
saw retainer, drill chuck, centre drill with ejector

Components:
packed in a tool case



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11904771001	for polymer pipes and chambers, 162 mm	162	3	1
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1

AWADOCK adapter

Application:
hole saw holder for SDS-max or SDS-plus tool holder

Material:
Steel



Mat.-no.	Description	Weight g/pc	PG pc
11905771001	with SDS-max retainer, hole saw AWADOCK	200	1
11909961001	with SDS-plus retainer, hole saw AWADOCK	200	1

AWADOCK diamond drill bit, dry

Application:
for tapping GRP pipes, complete with receiver and quick-action centre drill

Components:
packed in a tool case



Mat.-no.	Description	Diameter D mm	Working depth mm	Weight kg/pc	PG pc
11905471001	162 mm, for tapping GRP-pipes	162	163	7.5	1
11037151001	200 mm, for tapping GRP-pipes	200	163	6	1

AWADOCK drill stand for smooth-walled pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- short preparation times, no fastening to the pipe required
- with retainers 53 mm, 48 mm and 43 mm

Components:
including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:
aluminium (Al)



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1



17 AWADOCK shaft / composite pipe / special solution

Connection solutions for special applications

17.01 AWADOCK shaft**AWADOCK to AWASCHACHT**

Application:

connection of PVC and PP sewer pipes to AWASCHACHT
PP DN 800 and DN 1000

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	Borehole mm	Length tip end mm	Weight kg/pc	PG pc
160						
11903651600	standard	160	200	0	1.61	1
11911751600	K/U	160	200	60	1.711	1
200						
11913451600	standard	200	250	0	2.371	1
11913551600	K/U	200	250	60	2.41	1

AWADOCK chamber type K/U (short section/bypass)

Application:

drop structure or bypass for connection to concrete chambers

Properties:

- seal flat internally
- AWADOCK spigot end DN/OD 160

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Swelling secondary seal (Q-TE-C)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Description	DN/OD	Borehole mm	Length tip end mm	Shaft wall	Weight kg/pc	PG pc
160							
11705511600	Polymer DN160 to concrete chambers	160	200	60	round	1.261	75
200							
11705611600*1	Polymer DN200 to concrete chambers	200	257	50	round	1.66	45
150							
11705711600	Vitrif. Clay DN150 to concrete chambers	150	200	60	round	2.09	45
160							
11710211600*1	Polymer DN160 to plane concrete walls	160	200	60	plan	1.711	75

*1 without Q-TE-C

AWADOCK chamber / wall duct

Application:

connection of sewer pipes made of PVC and PP to plane walls or square concrete chambers with a wall thickness \geq 60 mm

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Description	DN/OD	Borehole mm	Weight kg/pc	PG pc
160					
11710011600	Polymer DN 160 to plane walls	160	200	1.568	1
11709911600	Polymer DN160 incl. pipe to plane walls	160	200	3.46	1
200					
11713911600	Polymer DN 200 to plane walls	200	250	2.252	1

17.02 Tools**Mounting wrench for AWADOCK**

Application:

especially for AWADOCK, universally applicable for all types

Material:

stainless steel

Colour:

Silver



Mat.-no.	Description	Weight g/pc	PG pc
11761111600	for AWADOCK Classic (stainless steel)	750	1

AWADOCK Diamond drill bit, wet

Application:

for tapping GRP, concrete and reinforced concrete pipes with soft to hard aggregates and medium to high reinforcement



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11763011001	connction: 1 1/4"UNC-coupler	200	10	1
11763141001	connction: 1 1/4"UNC-coupler	250	10	1
11763211001	connction: 1 1/4"UNC-coupler	257	9.4	1

AWADOCK hole saw

Application:
for tapping polymer pipes and chambers, including hole saw retainer, drill chuck, centre drill with ejector

Components:
packed in a tool case



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1
11904571001	for polymer pipes and chambers, 250 mm	250	4.5	1

AWADOCK adapter

Application:
hole saw holder for SDS-max or SDS-plus tool holder

Material:
Steel



Mat.-no.	Description	Weight	PG
		g/pc	pc
11905771001	with SDS-max retainer, hole saw AWADOCK	200	1
11909961001	with SDS-plus retainer, hole saw AWADOCK	200	1

AWADOCK drill stand for smooth-walled pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- short preparation times, no fastening to the pipe required
- with retainers 53 mm, 48 mm and 43 mm

Components:
including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:
aluminium (Al)



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1

17.03 AWADOCK composite pipe

AWADOCK composite pipe

Application:
connection of PVC and PP sewer pipes to composite sewer pipes according to DIN 13476-3

Components:
lubricant included

Material:

- Elastomer (SBR)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Type	DN/OD	Main pipe DN/OD min.	Main pipe DN/ID/OD max.	Borehole	Profile height Min.	Profile height Max.	Weight
					mm	mm	mm	
160								
11917801160	A	160	DN OD 400	DN ID 400	178	20	35	1.923
11917901160	B	160	DN OD 500	DN ID 800	200	33	70	2.123
200								
11918001200	C	200	DN OD 800	DN OD 1200	250	53	89	2.993

17.04 Tools

Mounting wrench for AWADOCK

Application:
especially for AWADOCK, universally applicable for all types

Material:
stainless steel

Colour:
Silver



Mat.-no.	Description	Weight	PG
		g/pc	pc
11761111600	for AWADOCK Classic (stainless steel)	750	1

AWADOCK hole saw

Application:

for tapping polymer pipes and chambers, including hole saw retainer, drill chuck, centre drill with ejector

Components:

packed in a tool case



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
13533901178	for polymer pipes and chambers, 178 mm	178	3.5	1
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1
11904571001	for polymer pipes and chambers, 250 mm	250	4.5	1

AWADOCK drill stand for double wall co-extruded pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- with retainers 53 mm, 48 mm and 43 mm

Material:

aluminium (Al)



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11905871001	60 mm retainer incl. reducing sleeve set	60	6	1

17.05 AWADOCK T-Flex

AWADOCK T-Flex

Application:

connection to externally smooth sewer pipes, such as PP (according to DIN EN 1852), PVC (according to DIN EN 1401), GRP (according to DIN 19869/19565), cast iron (according to DIN EN 598), stoneware (according to DIN EN 295-1) and made of asbestos-free fiber cement concrete

Material:

- stainless steel
- Ethylene-propylene diene monomer rubber (EPDM)



Mat.-no.	DN/OD	Outer diameter	Outer diameter	Outer diameter	Outer diameter	core drilling	Weight	PG
		min. Connection pipe mm	max. Connection pipe mm	min. Main pipe mm	max. Main pipe mm			
110								
11706111001	110	105	120	200	400	117-127	1	4
160								
11706211001	160	150	170	250	500	167-177	2.4	4
200								
11706311001	200	175	200	300	500	203-217	3.2	7

17.06 Tools

AWADOCK T-FLEX drill bit

Application:

for tapping PP pipes and PVC pipes



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11706711001	drill bit f. DN 110 with borehole 122 mm	122	7	1
11706811001	drill bit f. DN 160 with borehole 172 mm	172	9	1
11706911001	drill bit f. DN 200 with borehole 212 mm	212	11	1

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AWADOCK drill stand for smooth-walled pipes

Application:

- ensures drilling is conveniently guided at a right angle and in the centre
- short preparation times, no fastening to the pipe required
- with retainers 53 mm, 48 mm and 43 mm



Components:

including reducing sleeve set (consisting of 60/53, 60/48, 60/43 sleeves) for drill compatibility

Material:

aluminium (Al)

Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11905571001	60 mm retainer incl. reducing sleeve set	60	5.8	1

17.07 Combi set

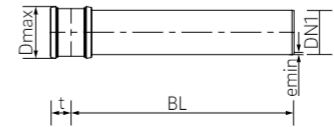
Kombi-Set

Application:

connection of sewer pipes DN 250/315/400 made of PVC and PP to concrete pipes or reinforced concrete pipes

Components:

- AWADUKT SN10 pipe (0.5 m)
- connection seal (seal length 50 mm)



Material:

- Polypropylene (PP 2300)
- Styrene butadiene rubber (SBR)

Colour:

- tube, Orange
- gasket, Black

Mat.-no.	DN/OD	Borehole mm	BL mm	t mm	Weight kg/pc
250					
11762311200	250	276	500	135	8.136
315					
11762411200	315	341	500	145	11.892
400					
11762511200	400	426	500	170	19.174

17.08 Tools

AWADOCK Diamond drill bit, wet

Application:
for tapping GRP, concrete and reinforced concrete pipes
with soft to hard aggregates and medium to high rein-
forcement



Mat.-no.	Description	Diameter D	Weight	PG
		mm	kg/pc	pc
11760471001	connnection: 1 1/4"UNC-coupler	276	10.4	1
11760481001	connnection: 1 1/4"UNC-coupler	341	15.4	1
11760491001	connnection: 1 1/4"UNC-coupler	426	22.6	1