



PRODUCT CATALOGUE MARINE 2021



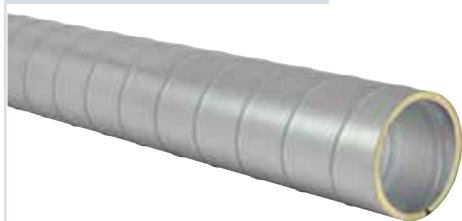
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Duct PR, Preinsulated:

Item no	Type	D1	D2	T outer duct	T inner duct	Kg/m	L	Marks
1453-801	PR-080	ø80.5 +/- 0.0/0.5	ø112.5 +/- 0/0.5	0,42	0,42	2,5	3000	
1453-803	PR-100	ø100.5 +/- 0.0/0.5	ø132.5 +/- 0/0.5	0,42	0,42	3,2	3000	
1453-805	PR-125	ø125.5 +/- 0.0/0.5	ø158.6 +/- 0/0.6	0,42	0,42	3,5	3000	
1453-807	PR-160	ø160.6 +/- 0.0/0.6	ø194.7 +/- 0/0.7	0,42	0,42	4,4	3000	
1453-701	PR-180	ø180.7 +/- 0.0/0.7	ø200.7 +/- 0/0.8	0,5	0,42	5,1	3000	*
n/a	PR-180	ø180.7 +/- 0.0/0.7	ø212.7 +/- 0/0.8	0,5	0,42	5,4	3000	**
1453-809	PR-200	ø200.7 +/- 0.0/0.7	ø232.8 +/- 0/0.8	0,5	0,5	6,2	3000	
1453-811	PR-250	ø250.8 +/- 0.0/0.8	ø282.8 +/- 0/0.8	0,5	0,5	7,5	3000	***

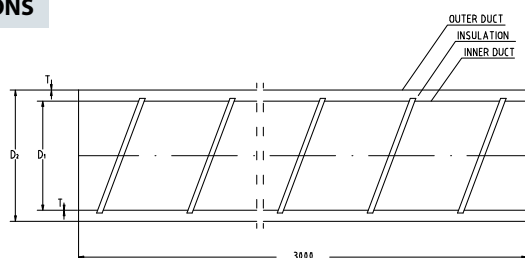
Duct PR, Preinsulated:



Marks:

- * Only for southern Europe
- ** On request
- *** Limited access from stock

DIMENSIONS



DESCRIPTION

PR is a jacketed circular duct made of galvanized steel sheet and insulated with 16mm mineral wool. The fittings and pipes are ready for assembling as the fittings are supplied with a sealed rubber-ring to ensure tightness.

ORDERING

PR aaa

Product code

Type _____

Dim _____

About Ventiståls preinsulated and uninsulated air pipe/duct work systems

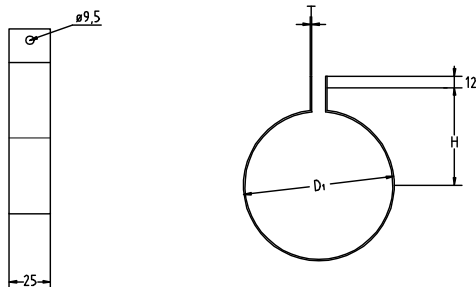
Ventiståls preinsulated and uninsulated air pipe/duct work systems are produced according to standards, rules and regulations. The preinsulated circular ducts and fittings are made from galvanized steel sheet with a layer of 16 mm mineral wool between. The insulation together with inner and outer skin provides an excellent guarantee against heat loss and condensation in the cooling periode.

The fittings and pipes are ready for assembling as the fittings are supplied with sealing rubber-ring to ensure tightness.

Hanger PH, for preinsulated duct work:

Item no	Type	D1	H	T	Kg	Marks
1453-771	PH-080	ø112.5	76	1.25	0.08	
1453-772	PH-100	ø132.5	86	1.25	0.10	
1453-773	PH-125	ø158.6	100	1.25	0.12	
1453-774	PH-160	ø194.7	118	1.60	0.15	
1546-863	PH-180/200	ø202,8	128	1,60	0,23	
n/a	PH-180/212	ø212,8	128	1,60	0,25	* *
1453-775	PH-200	ø232.8	138	1.60	0.27	
1453-776	PH-250	ø282.9	163	1.60	0.34	

Hanger PH

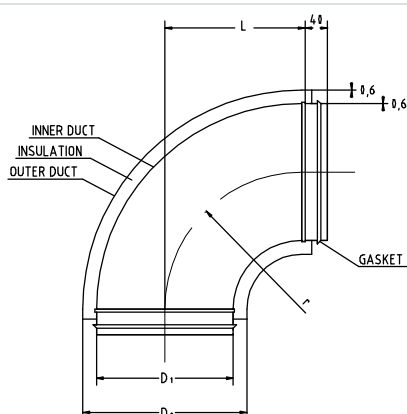
**DIMENSIONS****ORDERING**

Product code _____ PH _____ aaa _____
 Type _____
 Dim _____

BEND PB 90°, Preinsulated:

Item no	Type	D1	D2	L	Kg	Marks
1453-742	PB-080	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	110	0,7	
1453-746	PB-100	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	100	0,85	
1453-747	PB-125	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	125	1,25	
1453-748	PB-160	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	160	1,8	
1453-707	PB-180	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	180	2,2	*
n/a	PB-180	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	180	2,7	**
1453-749	PB-200	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	200	2,9	
1453-913	PB-250	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	250	3,8	***

Bend PB 90°, Preinsulated

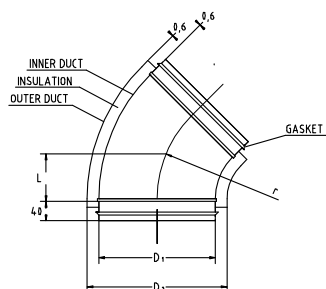
**DIMENSIONS****ORDERING:**

Product code PB-90 aaa
 Type _____
 Dim _____

BEND PB 45°, Preinsulated:

Item no	Type	D1	D2	L	Kg	Marks
1453-739	PB-080	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	40	0,45	
1453-741	PB-100	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	41	0,5	
1453-743	PB-125	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	52	0,9	
1453-744	PB-160	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	66	1,1	
1453-706	PB-180	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	76	1,4	*
n/a	PB-180	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	76	1,5	**
1453-745	PB-200	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	83	1,7	
1453-912	PB-250	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	104	2,3	***

Bend PB 45°, Preinsulated

**DIMENSIONS****DESCRIPTION**

PB is a double-jacketed circular bend made of galvanized steel sheet and insulated with 16mm mineral wool. The fittings and pipes are ready for assembling as the fittings are supplied with sealed rubber-ring to ensure tightness.

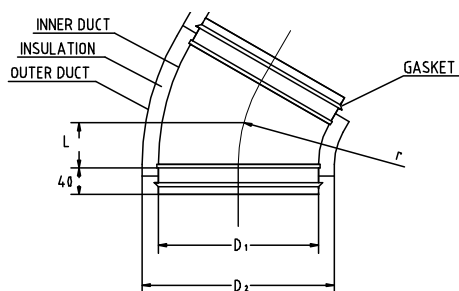
ORDERING:

Product code PB-45 aaa
 Type _____
 Dim _____

BEND PB 30°, Preinsulated:

Item no	Type	D1	D2	L	Kg	Marks
1453-734	PB-080	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	22	0,36	
1453-735	PB-100	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	27	0,42	
1453-736	PB-125	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	34	0,60	
1453-737	PB-160	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	43	0,8	
1453-705	PB-180	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	48	1,1	*
n/a	PB-180	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	48	1,2	**
1453-738	PB-200	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	54	1,4	
1453-911	PB-250	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	61	2,0	***

Bend PB 30°, Preinsulated

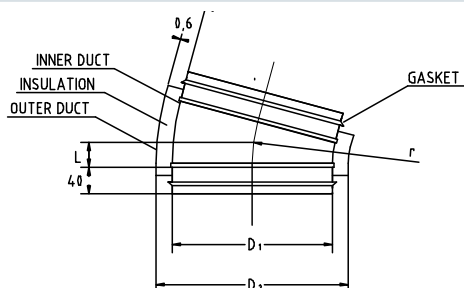
**DIMENSIONS****ORDERING:**

Product code PB-30 aaa
 Type _____
 Dim _____

BEND PB 15°, Preinsulated:

Item no	Type	D1	D2	L	Kg	Marks
1453-728	PB-080	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	11	0,30	
1453-729	PB-100	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	13	0,40	
1453-731	PB-125	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	17	0,48	
1453-732	PB-160	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	21	0,67	
1453-704	PB-180	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	24	0,75	*
n/a	PB-180	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	24	0,9	**
1453-733	PB-200	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	26	1,1	
1453-910	PB-250	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	33	1,75	***

Bend PB 15°, Preinsulated

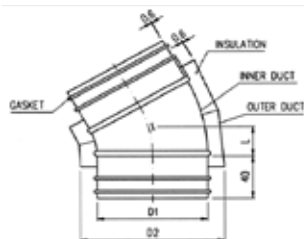
**DIMENSIONS****ORDERING:**

Product code PB-15 aaa
 Type _____
 Dim _____

BEND PB 60°, Preinsulated:

Item no	Type	D1	D2	L	Kg	Marks
1453-791	PB-080	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	46	0,36	
1453-792	PB-100	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	58	0,42	
1453-793	PB-125	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	72	0,60	
1453-794	PB-160	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	92	0,8	
n/a	PB-180	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	104	1,1	*
n/a	PB-180	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	104	1,2	**
1453-795	PB-200	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	115	1,4	
1453-796	PB-250	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	144	2,0	***

Bend PB 60°, Preinsulated

**DIMENSIONS****ORDERING:**

Product code PB-60 aaa
 Type _____
 Dim _____

DESCRIPTION

PB is a double-jacketed circular bend made of galvanized steel sheet and insulated with 16mm mineral wool. The fittings and pipes are ready for assembling as the fittings are supplied with sealed rubber-ring to ensure tightness.

T-Branch, Preinsulated:

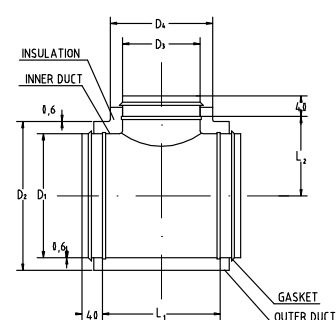
Item no	Type	D1	D2	D3	D4	L1	L2	Kg	Marks
1453-866	PT-080/080	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	168	65	0,60	
1453-869	PT-100/080	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	168	75	0,75	
1453-871	PT-100/100	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	168	78	0,95	
1453-873	PT-125/080	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	168	87	0,90	
1453-874	PT-125/100	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	168	85	1,10	
1453-875	PT-125/125	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	185	82	1,25	
1453-877	PT-160/080	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	168	105	0,90	
1453-878	PT-160/100	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	168	105	1,40	
1453-879	PT-160/125	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	210	100	1,50	
1453-881	PT-160/160	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	225	107	1,85	
n/a	PT-180/080	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	178	105	1,85	*
1453-711	PT-180/100	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0			2,0	*
1453-710	PT-180/125	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	210	110	2,2	*
1453-709	PT-180/160	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0			2,7	*
1453-708	PT-180/180	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	243	125	2,8	*
n/a	PT-180/080	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	178	105	1,9	**
n/a	PT-180/100	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0			2,1	**
n/a	PT-180/125	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	210	110	2,5	**
n/a	PT-180/160	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0			2,9	**
n/a	PT-180/180	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	243	125	3,2	**
1453-883	PT-200/100	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	175	115	2,00	
1453-885	PT-200/125	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	210	120	2,20	
1453-887	PT-200/160	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	224	125	2,50	
1453-712	PT-200/180	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	ø178.6 +/- 0.7/0.0	ø190.0 +/- 2.0/0.0	285	125	3,0	*
n/a	PT-200/180	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	285	125	3,1	**
1453-889	PT-200/200	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	267	123	2,75	
1453-891	PT-250/100	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	175	175	2,5	***
1453-892	PT-250/125	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	198	198	2,7	***
1453-893	PT-250/160	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	224	224	3,0	***
1453-713	PT-250/180	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	306	306	3,5	*
n/a	PT-250/180	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	306	306	3,8	**
1453-895	PT-250/200	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	306	306	4,1	***
1453-897	PT-250/250	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	317	306	4,6	***

DESCRIPTION

PT is a double-jacketed circular T-branch piece made of galvanized steel sheet and insulated with 16mm mineral wool. The fittings and pipes are ready for assembling as the fittings are supplied with a sealed rubber-ring to ensure tightness.

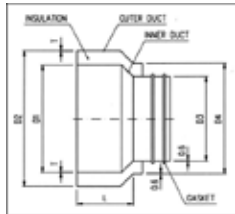
ORDERING:

Product code _____ PT _____ aaa _____ bbb _____
 Type _____
 Dim1 _____
 Dim2 _____

T-Branch, Preinsulated**DIMENSIONS**

Reducer PF-socket/nipple, Preinsulated:

Item no	Type	D1	D2	D3	D4	L	Kg	Marks
1453-751	PF-100/080	ø100.5 +/- 0.0/0.5	ø132.5 +/- 0/0.5	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	64	0.40	
1453-752	PF-125/080	ø125.5 +/- 0.0/0.5	ø158.6 +/- 0/0.6	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	77	0.50	
1453-755	PF-125/100	ø125.5 +/- 0.0/0.5	ø158.6 +/- 0/0.6	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	64	0.50	
1453-757	PF-160/100	ø160.6 +/- 0.0/0.6	ø194.7 +/- 0/0.7	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	84	0,6	
1453-759	PF-160/125	ø160.6 +/- 0.0/0.6	ø194.7 +/- 0/0.7	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	69	0,6	
1453-716	PF-180/100	ø180.7 +/- 0.0/0.7	ø200.7 +/- 0/0.8	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	94	0,67	*
1453-715	PF-180/125	ø180.7 +/- 0.0/0.7	ø200.7 +/- 0/0.8	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	82	0,67	*
1453-714	PF-180/160	ø180.7 +/- 0.0/0.7	ø200.7 +/- 0/0.8	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	64	0,67	*
n/a	PF-180/100	ø180.7 +/- 0.0/0.7	ø212.7 +/- 0/0.8	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	94	0,67	**
n/a	PF-180/125	ø180.7 +/- 0.0/0.7	ø212.7 +/- 0/0.8	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	82	0,67	**
n/a	PF-180/160	ø180.7 +/- 0.0/0.7	ø212.7 +/- 0/0.8	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	64	0,67	**
1453-761	PF-200/100	ø200.7 +/- 0.0/0.7	ø232.8 +/- 0/0.8	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	104	0,9	
1453-763	PF-200/125	ø200.7 +/- 0.0/0.7	ø232.8 +/- 0/0.8	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	92	0,9	
1453-765	PF-200/160	ø200.7 +/- 0.0/0.7	ø232.8 +/- 0/0.8	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	74	0,9	
1453-714	PF-200/180	ø200.7 +/- 0.0/0.7	ø232.8 +/- 0/0.8	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	64	1,0	*
n/a	PF-200/180	ø200.7 +/- 0.0/0.7	ø232.8 +/- 0/0.8	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	64	1,0	**
1453-762	PF-250/125	ø250.8 +/- 0.0/0.8	ø282.8 +/- 0/0.8	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	127	1,1	
1453-764	PF-250/160	ø250.8 +/- 0.0/0.8	ø282.8 +/- 0/0.8	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	109	1,1	
1453-718	PF-250/180	ø250.8 +/- 0.0/0.8	ø282.8 +/- 0/0.8	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	99	1,1	*
n/a	PF-250/180	ø250.8 +/- 0.0/0.8	ø282.8 +/- 0/0.8	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	99	1,2	**
1453-766	PF-250/200	ø250.8 +/- 0.0/0.8	ø282.8 +/- 0/0.8	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	89	1,2	

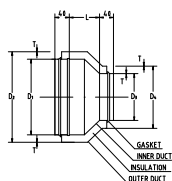
DIMENSIONS**DESCRIPTION**

PF is a jacketed circular reducer with socket/nipple connection, made of galvanized steel sheet and insulated with 16mm mineral wool. The fittings and pipes are ready for assembling as the reducer are supplied with a sealed rubber-ring on the nipple side to ensure tightness.

Reducer PF, Preinsulated

Reducer PE-nipple/nipple, Preinsulated:

Item no	Type	D1	D2	D3	D4	L	Kg	Marks
1453-780	PE-100/080	ø 98.8 +/- 0.5/0.0	ø 129.0 +/- 1.0/0.0	ø 78.8 +/- 0.5/0.0	ø 109.0 +/- 1.0/0.0	28	0,40	
1453-781	PE-125/080	ø 123.8 +/- 0.5/0.0	ø 155.0 +/- 1.0/0.0	ø 78.8 +/- 0.5/0.0	ø 109.0 +/- 1.0/0.0	41	0,45	
1453-783	PE-125/100	ø 123.8 +/- 0.5/0.0	ø 155.0 +/- 1.0/0.0	ø 98.8 +/- 0.5/0.0	ø 129.0 +/- 1.0/0.0	30	0,48	
1453-784	PE-160/100	ø 158.7 +/- 0.6/0.0	ø 190.0 +/- 2.0/0.0	ø 98.8 +/- 0.5/0.0	ø 129.0 +/- 1.0/0.0	48	0,50	
1453-785	PE-160/125	ø 158.7 +/- 0.6/0.0	ø 190.0 +/- 2.0/0.0	ø 123.8 +/- 0.5/0.0	ø 155.0 +/- 1.0/0.0	33	0,55	
n/a	PE-180/100	ø 178.6 +/- 0.7/0.0	ø 198.0 +/- 2.0/0.0	ø 98.8 +/- 0.5/0.0	ø 129.0 +/- 1.0/0.0	58	0,66	*
n/a	PE-180/125	ø 178.6 +/- 0.7/0.0	ø 198.0 +/- 2.0/0.0	ø 123.8 +/- 0.5/0.0	ø 155.0 +/- 1.0/0.0	46	0,80	*
n/a	PE-180/160	ø 178.6 +/- 0.7/0.0	ø 198.0 +/- 2.0/0.0	ø 158.7 +/- 0.6/0.0	ø 190.0 +/- 2.0/0.0	28	0,80	*
n/a	PE-180/100	ø 178.6 +/- 0.7/0.0	ø 209.0 +/- 2,0/0.0	ø 98.8 +/- 0.5/0.0	ø 129.0 +/- 1.0/0.0	58	0,66	**
n/a	PE-180/125	ø 178.6 +/- 0.7/0.0	ø 209.0 +/- 2,0/0.0	ø 123.8 +/- 0.5/0.0	ø 155.0 +/- 1.0/0.0	46	0,80	**
n/a	PF-180/160	ø 178.6 +/- 0.7/0.0	ø 209.0 +/- 2,0/0.0	ø 158.7 +/- 0.6/0.0	ø 190.0 +/- 2.0/0.0	28	0,80	**
1453-786	PE-200/100	ø 198.6 +/- 0.7/0.0	ø 229.0 +/- 2.0/0.0	ø 98.8 +/- 0.5/0.0	ø 129.0 +/- 1.0/0.0	68	0,80	
1453-788	PE-200/125	ø 198.6 +/- 0.7/0.0	ø 229.0 +/- 2.0/0.0	ø 123.8 +/- 0.5/0.0	ø 155.0 +/- 1.0/0.0	56	0,85	
1453-787	PE-200/160	ø 198.6 +/- 0.7/0.0	ø 229.0 +/- 2.0/0.0	ø 158.7 +/- 0.6/0.0	ø 190.0 +/- 2.0/0.0	37	0,85	
n/a	PE-200/180	ø 198.6 +/- 0.7/0.0	ø 229.0 +/- 2.0/0.0	ø 178.6 +/- 0.7/0.0	ø 198.0 +/- 2.0/0.0	28	0,80	*
n/a	PE-200/180	ø 198.6 +/- 0.7/0.0	ø 229.0 +/- 2.0/0.0	ø 178.6 +/- 0.7/0.0	ø 209.0 +/- 2,0/0.0	28	0,85	**
n/a	PE-250/125	ø 248.5 +/- 0.8/0.0	ø 279.0 +/- 2.0/0.0	ø 123.8 +/- 0.5/0.0	ø 155.0 +/- 1.0/0.0	81	1,15	
1453-790	PE-250/160	ø 248.5 +/- 0.8/0.0	ø 279.0 +/- 2.0/0.0	ø 158.7 +/- 0.6/0.0	ø 190.0 +/- 2.0/0.0	63	1,15	
n/a	PE-250/180	ø 248.5 +/- 0.8/0.0	ø 279.0 +/- 2.0/0.0	ø 178.6 +/- 0.7/0.0	ø 198.0 +/- 2.0/0.0	53	1,15	*
n/a	PE-250/180	ø 248.5 +/- 0.8/0.0	ø 279.0 +/- 2.0/0.0	ø 178.6 +/- 0.7/0.0	ø 209.0 +/- 2,0/0.0	53	1,20	**
1453-789	PE-250/200	ø 248.5 +/- 0.8/0.0	ø 279.0 +/- 2.0/0.0	ø 198.6 +/- 0.7/0.0	ø 229.0 +/- 2.0/0.0	43	1,22	

DIMENSIONS**ORDERING:**

Product code _____ PF/PE aaa bbb
 Type _____
 Dim1 _____
 Dim2 _____

DESCRIPTION

PE is a jacketed circular reducer with nipple/nipple connection made of galvanized steel sheet and insulated with 16mm mineral wool.
 The fittings and pipes are ready for assembling as the fittings are supplied with a sealed rubber-ring to ensure tightness.

Reducer PE, Preinsulated

Socket PM, Preinsulated:

Item no	Type	D1	D2	Kg	Marks
1453-814	PM-080	ø080.5 +/- 0.0/0.5	ø112.5 +/- 0/0.5	0.30	
1453-815	PM-100	ø100.5 +/- 0.0/0.5	ø132.5 +/- 0/0.5	0.35	
1453-816	PM-125	ø125.5 +/- 0.0/0.5	ø158.6 +/- 0/0.6	0.45	
1453-817	PM-160	ø160.6 +/- 0.0/0.6	ø194.7 +/- 0/0.7	0.50	
1453-703	PM-180	ø180.7 +/- 0.0/0.7	ø200.7 +/- 0/0.8	0,6	*
n/a	PM-180	ø180.7 +/- 0.0/0.7	ø212.7 +/- 0/0.8	0,6	**
1453-818	PM-200	ø200.7 +/- 0.0/0.7	ø232.8 +/- 0/0.8	0.67	
1453-819	PM-250	ø250.8 +/- 0.0/0.8	ø282.8 +/- 0/0.8	1,14	***

Socket PM, Preinsulated:



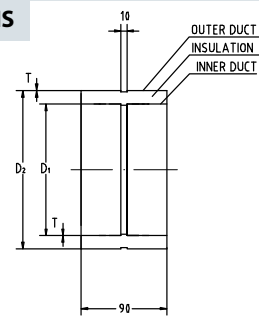
DESCRIPTION

PM is a double-jacketed circular socket made of galvanized steel sheet and insulated with 16mm mineral wool. The fittings and pipes are ready for assembling as the fittings are supplied with a sealed rubber-ring on the nipple side to ensure tightness.

ORDERING:

Product code _____ PM _____ aaa
Type _____
Dim _____

DIMENSIONS



Nipple PN/N, for preinsulated duct work:

Item no	Type	D1	D2	Kg	Marks
1453-833"	PN/N-080	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	0.18	
1453-822"	PN/N-100	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	0.20	
1453-824"	PN/N-125	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	0.25	
1453-826"	PN/N-160	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	0.30	
n/a	PN/N-180	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	0,43	*
n/a	PN/N-180	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	0,43	**
1453-828"	PN/N-200	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	0.45	
1453-830"	PN/N-250	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	0.79	***

1453-xxx" Nipple N needs to be added for a complete PN/N

Nipple PN/N



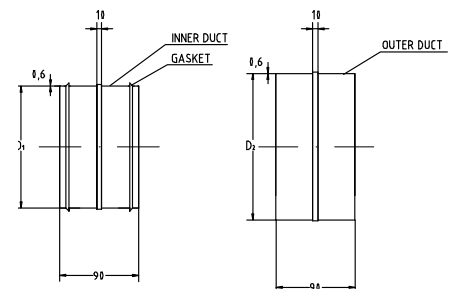
DESCRIPTION

PN-N is a double-jacketed circular nipple made of galvanized steel sheet. The fittings and pipes are ready for assembling as the inner part of the nipples are supplied with sealed rubber-ring to ensure tightness.

ORDERING:

Product code _____ PN/N _____ aaa
Type _____
Dim _____

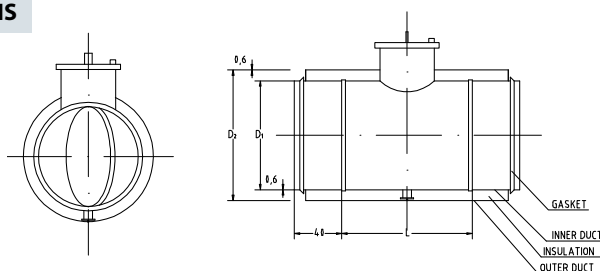
DIMENSIONS



Damper PP-1, Preinsulated:

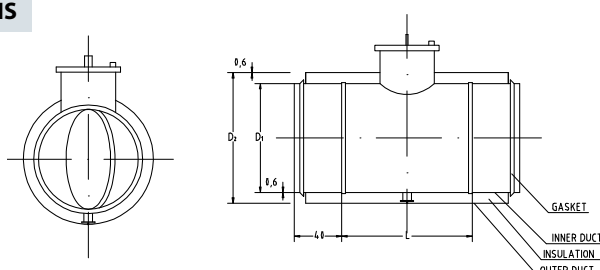
Item no	Type	D1	D2	L	Kg	Marks
1453-846	PP-1-080	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	90	0.60	
1453-847	PP-1-100	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	90	0.70	
1453-849	PP-1-125	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	90	0.85	
1453-851	PP-1-160	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	90	1.10	
1453-719	PP-1-180	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	90	1,35	*
n/a	PP-1-180	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	90	1,40	**
1453-852	PP-1-200	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	90	1,55	
1453-853	PP-1-250	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	90	1,60	***

Damper PP-1 Preinsulated:

**DIMENSIONS****Damper PP-4, Preinsulated:**

Item no	Type	D1	D2	L	Kg	Marks
1453-855	PP-4-080	ø 78.8 +/- 0.5/0.0	ø109.0 +/- 1.0/0.0	90	0.60	
1453-856	PP-4-100	ø 98.8 +/- 0.5/0.0	ø129.0 +/- 1.0/0.0	90	0.70	
1453-857	PP-4-125	ø123.8 +/- 0.5/0.0	ø155.0 +/- 1.0/0.0	90	0.85	
1453-851	PP-4-160	ø158.7 +/- 0.6/0.0	ø190.0 +/- 2.0/0.0	90	1.10	
n/a	PP-4-180	ø178.6 +/- 0.7/0.0	ø198.0 +/- 2.0/0.0	90	1,35	*
n/a	PP-4-180	ø178.6 +/- 0.7/0.0	ø209.0 +/- 2,0/0.0	90	1,40	**
1453-859	PP-4-200	ø198.6 +/- 0.7/0.0	ø229.0 +/- 2.0/0.0	90	1,55	
1453-860	PP-4-250	ø248.5 +/- 0.8/0.0	ø279.0 +/- 2.0/0.0	90	1,60	***

Damper PP-4 Preinsulated:

**DIMENSIONS****DESCRIPTION**

PP-1 and PP-4 are double-jacketed circular balancing and shut-off dampers. PP-4 are in tightnessclass 4 according to EN1751:1998. The dampers are made of galvanized steel sheet and insulated with 16mm mineral wool and are ready for assembling with pipes as the fittings are supplied with a sealed rubber-ring to ensure tightness.

ORDERING:

Product code _____ PP-1/PP-4 aaa
 Type _____
 Dim _____

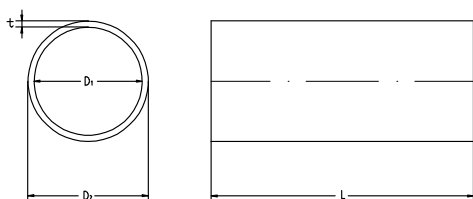
Collar Pipe PGF, uninsulated deck and bulkhead penetration.

		Kg			
D1	D2	L1=125	L2=200	L3=900	T
PGF-080	88,9	1,2	1,9	8,4	4,5
PGF-100	114,3	2,1	3,4	15,1	6,3
PGF-125	139,7	2,6	4,2	17,7	6,3
PGF-160	168,3	2,3	3,7	16,4	4,5
PGF-200	219,1	5,7	9,12	41	8,8

Collar Pipe PGF



DIMENSIONS



ORDERING:

Product code PGF aaa bbb
Type _____
Dim _____
L-1-2-3 _____

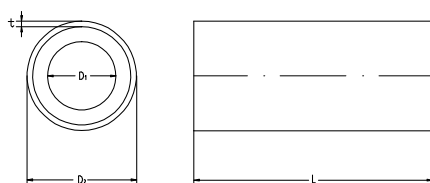
DESCRIPTION

PGF is an uninsulated bulkhead and deck penetration piece to be equipped with a long telescopic nipple BDEN-4 on each side for connection to the ventiduct system. (Nipple is not incl.)

Collar Pipe PGIF insulated deck and bulkhead penetration.

		Kg			
D1	D2	L1=125	L2=200	L3=900	T
PGIF-080	114,3	1,4	2,2	10	3,6
PGIF-100	139,7	2,9	4,7	21,2	6,3
PGIF-125	168,3	3,3	5,2	23,1	6,3
PGIF-160	193,7	3,7	5,9	26,4	5,6
PGIF-200	244,5	5,1	8,3	37,1	6,3

DIMENSIONS



ORDERING:

Product code PGIF aaa bbb
Type _____
Dim _____
L-1-2-3 _____

Collar Pipe PGIF



DESCRIPTION

PGIF is an insulated bulkhead and deck penetration piece to be equipped with a long telescopic nipple BDEN-4 on each side for connection to the ventiduct system. (Nipple is not incl.)

Duct BDEK Uninsulated:

Item no	Type	D1	T	Kg/m	L
1545-100	K-008	ø80.5 +/- 0.0/0.5	0,42	0,9	3000
1454-008	K-010	ø100.5 +/- 0.0/0.5	0,42	1,1	3000
1454-009	K-012	ø125.5 +/- 0.0/0.5	0,42	1,4	3000
1454-010	K-016	ø160.6 +/- 0.0/0.6	0,42	2,1	3000
1454-007	K-018	ø180.7 +/- 0.0/0.7	0,5	2,3	3000
1454-011	K-020	ø200.7 +/- 0.0/0.7	0,5	2,7	3000
1454-012	K-025	ø250.8 +/- 0.0/0.8	0,5	3,3	3000

Duct

**DIMENSIONS**

Ordering:

Product code

K

Type

aaa

Dim

DESCRIPTION

The VELODUCT® system is a complete system of round ducting for which type approval for tightness class D according to EN 12237 has been granted.

- All duct fittings are equipped with a sealing ring made of EPDM rubber.
- Permits rapid, easy and clean installation
- Can be installed in any climate
- Made of fireproof sheet steel TYPE APPROVALS AND CERTIFICATES

Hanger H, for un-insulated duct work:

Item no.	Type	D	Dim	Kg
1544-004	H-080	ø 81	1,25/30	0.08
1544-006	H-100	ø102	1,25/30	0.10
1544-008	H-125	ø127	1,25/30	0.12
1544-010	H-160	ø162	1,50/30	0.15
n/a	H-180	ø182	1,50/30	0,23
1544-012	H-200	ø202	1,50/30	0.27
1544-014	H-250	ø252	1,50/30	0.34

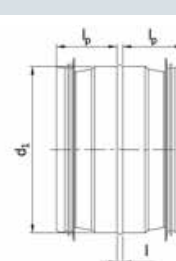
Clamps



*** Connection for all fittings are based on the measure l_p and d_1 from attached sketch, for values see table below**

Size	D1	l_p
ø 080	ø 78.8 +/- 0.5/0.0	35
ø 100	ø 98.8 +/- 0.5/0.0	35
ø 125	ø123.8 +/- 0.5/0.0	35
ø 160	ø158.7 +/- 0.6/0.0	35
ø 180	ø178.6 +/- 0.7/0.0	35
ø 200	ø198.6 +/- 0.7/0.0	35
ø 250	ø248.5 +/- 0.8/0.0	45

Sketch



BEND 90°, Uninsulated:

Item no	Type	D1	L	rm	Kg
1546-111	B-008	ø 78.8 +/- 0.5/0.0	110	110	0,26
1546-112	B-010	ø 98.8 +/- 0.5/0.0	100	100	0,32
1546-113	B-012	ø123.8 +/- 0.5/0.0	125	125	0,45
1546-114	B-016	ø158.7 +/- 0.6/0.0	160	160	0,60
1454-115	B-018	ø178.6 +/- 0.7/0.0	180	180	0,83
1546-116	B-020	ø198.6 +/- 0.7/0.0	200	200	1,00
1546-117	B-025	ø248.5 +/- 0.8/0.0	250	250	1,80

Bend 90°



BEND 60°, Uninsulated:

Item no	Type	D1	L	rm	Kg
1546-660	B-008	ø 78.8 +/- 0.5/0.0	46	80	030
1546-661	B-010	ø 98.8 +/- 0.5/0.0	58	100	030
1546-662	B-012	ø123.8 +/- 0.5/0.0	72	125	0,40
1546-663	B-016	ø158.7 +/- 0.6/0.0	92	160	0,60
	B-018	ø178.6 +/- 0.7/0.0	104	180	1,20
1546-664	B-020	ø198.6 +/- 0.7/0.0	115	200	1,50
1546-665	B-025	ø248.5 +/- 0.8/0.0	144	250	1,70

Bend 60°



BEND 45°, Uninsulated:

Item no	Type	D1	L	rm	Kg
1546-081	B-008	ø 78.8 +/- 0.5/0.0	40	100	0,19
1546-082	B-010	ø 98.8 +/- 0.5/0.0	41	100	0,21
1546-083	B-012	ø123.8 +/- 0.5/0.0	52	125	0,29
1546-084	B-016	ø158.7 +/- 0.6/0.0	66	160	0,48
1454-085	B-018	ø178.6 +/- 0.7/0.0	76	180	0,55
1546-085	B-020	ø198.6 +/- 0.7/0.0	83	200	0,60
1546-087	B-025	ø248.5 +/- 0.8/0.0	104	250	0,80

Bend 45°



BEND 30°, Uninsulated:

Item no	Type	D1	L	rm	Kg
1546-066	B-008	ø 78.8 +/- 0.5/0.0	22	80	0,26
1546-067	B-010	ø 98.8 +/- 0.5/0.0	27	100	0,32
1546-068	B-012	ø123.8 +/- 0.5/0.0	34	125	0,45
1546-069	B-016	ø158.7 +/- 0.6/0.0	43	160	0,60
1454-070	B-018	ø178.6 +/- 0.7/0.0	48	180	0,83
1546-070	B-020	ø198.6 +/- 0.7/0.0	54	200	1,00
1546-071	B-025	ø248.5 +/- 0.8/0.0	67	250	1,80

Bend 30°

**BEND 15°, Uninsulated:**

Item no	Type	D1	L	rm	Kg
1546-049	B-008	ø 78.8 +/- 0.5/0.0	11	80	0,19
1546-050	B-010	ø 98.8 +/- 0.5/0.0	13	100	0,21
1546-051	B-012	ø123.8 +/- 0.5/0.0	17	125	0,29
1546-052	B-016	ø158.7 +/- 0.6/0.0	21	160	0,48
1454-053	B-018	ø178.6 +/- 0.7/0.0	24	180	0,55
1546-053	B-020	ø198.6 +/- 0.7/0.0	26	200	0,60
1546-054	B-025	ø248.5 +/- 0.8/0.0	33	250	0,80

Bend 15°

**DESCRIPTION**

- VTT SERT R022-04; ductwork for ventilation systems Air tightness-class C and D in accordance with NEN-EN 1507 and 12237
- M1 Cleanliness classification of air handling components.
- DW-144 norm
- Luka norm
- SITAC norm

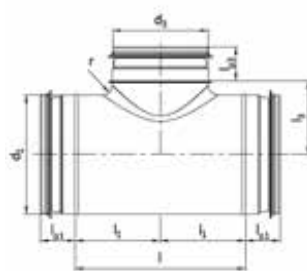
T-Branch, Uninsulated

Item no	Type	D1	D3	L	L1	L3	Kg
1546-221	T-Branch-080/080	ø 78.8 +/- 0.5/0.0	ø 78.8 +/- 0.5/0.0	168	84	65	0,40
1546-222	T-Branch-100/080	ø 98.8 +/- 0.5/0.0	ø 78.8 +/- 0.5/0.0	168	84	75	0,40
1546-223	T-Branch-100/100	ø 98.8 +/- 0.5/0.0	ø 98.8 +/- 0.5/0.0	168	84	78	0,49
1546-227	T-Branch-125/080	ø123.8 +/- 0.5/0.0	ø 78.8 +/- 0.5/0.0	168	84	87	0,50
1546-228	T-Branch-125/100	ø123.8 +/- 0.5/0.0	ø 98.8 +/- 0.5/0.0	168	84	85	0,60
1546-229	T-Branch-125/125	ø123.8 +/- 0.5/0.0	ø123.8 +/- 0.5/0.0	185	92	82	0,60
1546-233	T-Branch-160/080	ø158.7 +/- 0.6/0.0	ø 78.8 +/- 0.5/0.0	168	84	103	0,70
1546-234	T-Branch-160/100	ø158.7 +/- 0.6/0.0	ø 98.8 +/- 0.5/0.0	168	84	105	0,70
1546-235	T-Branch-160/125	ø158.7 +/- 0.6/0.0	ø123.8 +/- 0.5/0.0	210	105	100	0,80
1546-236	T-Branch-160/160	ø158.7 +/- 0.6/0.0	ø158.7 +/- 0.6/0.0	225	112	107	0,90
n/a	T-Branch-180/080	ø178.6 +/- 0.7/0.0	ø 78.8 +/- 0.5/0.0	178	89	105	0,70
n/a	T-Branch-180/100	ø178.6 +/- 0.7/0.0	ø 98.8 +/- 0.5/0.0	178			0,70
n/a	T-Branch-180/125	ø178.6 +/- 0.7/0.0	ø123.8 +/- 0.5/0.0	210	105	110	0,90
n/a	T-Branch-180/160	ø178.6 +/- 0.7/0.0	ø158.7 +/- 0.6/0.0	225			0,90
n/a	T-Branch-180/180	ø178.6 +/- 0.7/0.0	ø178.6 +/- 0.7/0.0	243	121	125	0,95
1546-240	T-Branch-200/100	ø198.6 +/- 0.7/0.0	ø 98.8 +/- 0.5/0.0	175	87	115	1,10
1546-241	T-Branch-200/125	ø198.6 +/- 0.7/0.0	ø123.8 +/- 0.5/0.0	210	105	120	1,10
1546-242	T-Branch-200/160	ø198.6 +/- 0.7/0.0	ø158.7 +/- 0.6/0.0	224	112	125	1,05
n/a	T-Branch-200/180	ø198.6 +/- 0.7/0.0	ø178.6 +/- 0.7/0.0	285	142	125	1,30
1546-243	T-Branch-200/200	ø198.6 +/- 0.7/0.0	ø198.6 +/- 0.7/0.0	267	133	123	1,10
1546-248	T-Branch-250/100	ø248.5 +/- 0.8/0.0	ø 98.8 +/- 0.5/0.0	175	87	140	1,30
1546-249	T-Branch-250/125	ø248.5 +/- 0.8/0.0	ø123.8 +/- 0.5/0.0	198	99	147	1,40
1546-250	T-Branch-250/160	ø248.5 +/- 0.8/0.0	ø158.7 +/- 0.6/0.0	224	112	150	1,20
n/a	T-Branch-250/180	ø248.5 +/- 0.8/0.0	ø178.6 +/- 0.7/0.0	306	153	150	1,70
1546-251	T-Branch-250/200	ø248.5 +/- 0.8/0.0	ø198.6 +/- 0.7/0.0	306	153	150	1,80
1546-252	T-Branch-250/250	ø248.5 +/- 0.8/0.0	ø248.5 +/- 0.8/0.0	317	158	152	1,65

T-Branch



Dimensions



DESCRIPTION

- VTT SERT R022-04; ductwork for ventilation systems
- Air tightness-class C and D in accordance with NEN-EN 1507 and 12237
- M1 Cleanliness classification of air handling components
- DW-144 norm
- Luka norm
- SITAC norm

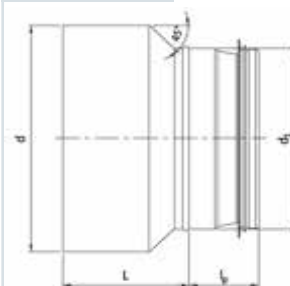
D1-Reducer socket/nipple, Uninsulated:

Item no	Type	D1	D2	L	Kg
1546-602	D1-100/080	ø100.5 +/- 0.0/0.5	ø 78.8 +/- 0.5/0.0	64	0,16
1546-603	D1-125/080	ø125.5 +/- 0.0/0.5	ø 78.8 +/- 0.5/0.0	77	0,18
1546-604	D1-125/100	ø125.5 +/- 0.0/0.5	ø 98.8 +/- 0.5/0.0	64	0,15
1546-605	D1-160/100	ø160.6 +/- 0.0/0.6	ø 98.8 +/- 0.5/0.0	84	0,30
1546-606	D1-160/125	ø160.6 +/- 0.0/0.6	ø123.8 +/- 0.5/0.0	69	0,20
n/a	D1-180/100	ø180.7 +/- 0.0/0.7	ø 98.8 +/- 0.5/0.0	94	0,32
n/a	D1-180/125	ø180.7 +/- 0.0/0.7	ø123.8 +/- 0.5/0.0	82	0,33
1546-608	D1-180/160	ø180.7 +/- 0.0/0.7	ø158.7 +/- 0.6/0.0	64	0,32
1546-609	D1-200/100	ø200.7 +/- 0.0/0.7	ø 98.8 +/- 0.5/0.0	104	0,39
1546-610	D1-200/125	ø200.7 +/- 0.0/0.7	ø123.8 +/- 0.5/0.0	92	0,40
1546-611	D1-200/160	ø200.7 +/- 0.0/0.7	ø158.7 +/- 0.6/0.0	74	0,37
1546-612	D1-200/180	ø200.7 +/- 0.0/0.7	ø178.6 +/- 0.7/0.0	64	0,40
1546-613	D1-250/125	ø250.8 +/- 0.0/0.8	ø123.8 +/- 0.5/0.0	127	0,56
1546-614	D1-250/160	ø250.8 +/- 0.0/0.8	ø158.7 +/- 0.6/0.0	109	0,57
n/a	D1-250/180	ø250.8 +/- 0.0/0.8	ø178.6 +/- 0.7/0.0	99	0,56
1546-615	D1-250/200	ø250.8 +/- 0.0/0.8	ø198.6 +/- 0.7/0.0	89	0,55

D1



Dimensions

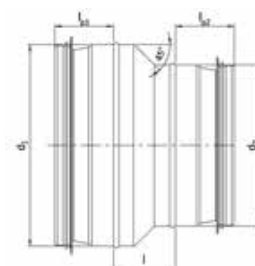
**D3-Reducer nipple/nipple, Uninsulated:**

Item no	Type	D1	D2	L	Kg
1546-541	D3-100/080	ø 98.8 +/- 0.5/0.0	ø 78.8 +/- 0.5/0.0	28	0,16
1546-542	D3-125/080	ø123.8 +/- 0.5/0.0	ø 78.8 +/- 0.5/0.0	41	0,18
1546-543	D3-125/100	ø123.8 +/- 0.5/0.0	ø 98.8 +/- 0.5/0.0	30	0,17
1546-545	D3-160/100	ø158.7 +/- 0.6/0.0	ø 98.8 +/- 0.5/0.0	48	0,30
1546-546	D3-160/125	ø158.7 +/- 0.6/0.0	ø123.8 +/- 0.5/0.0	33	0,25
n/a	D3-180/100	ø178.6 +/- 0.7/0.0	ø 98.8 +/- 0.5/0.0	58	0,32
n/a	D3-180/125	ø178.6 +/- 0.7/0.0	ø123.8 +/- 0.5/0.0	46	0,33
n/a	D3-180/160	ø178.6 +/- 0.7/0.0	ø158.7 +/- 0.6/0.0	28	0,32
1546-548	D3-200/100	ø198.6 +/- 0.7/0.0	ø 98.8 +/- 0.5/0.0	68	0,39
1546-549	D3-200/125	ø198.6 +/- 0.7/0.0	ø123.8 +/- 0.5/0.0	56	0,40
1546-550	D3-200/160	ø198.6 +/- 0.7/0.0	ø158.7 +/- 0.6/0.0	37	0,35
n/a	D3-200/180	ø198.6 +/- 0.7/0.0	ø178.6 +/- 0.7/0.0	28	0,35
1546-553	D3-250/125	ø248.5 +/- 0.8/0.0	ø123.8 +/- 0.5/0.0	81	0,56
1546-554	D3-250/160	ø248.5 +/- 0.8/0.0	ø158.7 +/- 0.6/0.0	63	0,57
n/a	D3-250/180	ø248.5 +/- 0.8/0.0	ø178.6 +/- 0.7/0.0	53	0,56
1546-555	D3-250/200	ø248.5 +/- 0.8/0.0	ø198.6 +/- 0.7/0.0	43	0,55

D3



Dimensions

**DESCRIPTION**

- VTT SERT R022-04; ductwork for ventilation systems
- Air tightness-class C and D in accordance with NEN-EN 1507 and 12237
- M1 Cleanliness classification of air handling components
- DW-144 norm
- Luka norm
- SITAC norm

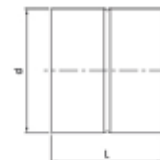
Socket for uninsulated duct work:

Item no	Type	D	L	Kg
1546-169	M-080	ø080.5 +/- 0.0/0.5	80	0,08
1546-170	M-100	ø100.5 +/- 0.0/0.5	80	0,10
1546-171	M-125	ø125.5 +/- 0.0/0.5	80	0,13
1546-172	M-160	ø160.6 +/- 0.0/0.6	80	0,16
1454-173	M-180	ø180.7 +/- 0.0/0.7	80	0,18
1546-173	M-200	ø200.7 +/- 0.0/0.7	80	0,20
1546-174	M-250	ø250.8 +/- 0.0/0.8	100	0,32

Socket



Dimensions

**Nipple for uninsulated duct work:**

Item no	Type	D	L	Kg
1546-151	N-080	ø 78.8 +/- 0.5/0.0	8	0,08
1546-152	N-100	ø 98.8 +/- 0.5/0.0	8	0,10
1546-153	N-125	ø123.8 +/- 0.5/0.0	8	0,13
1546-154	N-160	ø158.7 +/- 0.6/0.0	8	0,16
1454-155	N-180	ø178.6 +/- 0.7/0.0	8	0,18
1546-155	N-200	ø198.6 +/- 0.7/0.0	8	0,20
1546-156	N-250	ø248.5 +/- 0.8/0.0	8	0,31

Nipple



Dimensions

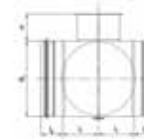
**Dampers Class-1, Uninsulated:**

Item no	Type	D	L	L1	Kg
1444-002	P-1-080	ø 78.8 +/- 0.5/0.0	88	44	0,40
1444-004	P-1-100	ø 98.8 +/- 0.5/0.0	88	44	0,45
1444-006	P-1-125	ø123.8 +/- 0.5/0.0	88	44	0,56
1444-008	P-1-160	ø158.7 +/- 0.6/0.0	88	44	0,70
n/a	P-1-180	ø178.6 +/- 0.7/0.0	88	44	0,84
1444-010	P-1-200	ø198.6 +/- 0.7/0.0	88	44	0,90
1444-012	P-1-250	ø248.5 +/- 0.8/0.0	88	44	1,05

Balancing dampers



Dimensions

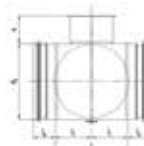
**Dampers Class-4, Uninsulated:**

Item no	Type	D	L	L1	Kg
1444-022	P-4-080	ø 78.8 +/- 0.5/0.0	88	44	0,40
1444-024	P-4-100	ø 98.8 +/- 0.5/0.0	88	44	0,45
1444-026	P-4-125	ø123.8 +/- 0.5/0.0	88	44	0,56
1444-028	P-4-160	ø158.7 +/- 0.6/0.0	88	44	0,70
n/a	P-4-180	ø178.6 +/- 0.7/0.0	88	44	0,84
1444-030	P-4-200	ø198.6 +/- 0.7/0.0	88	44	0,90
1444-032	P-4-250	ø248.5 +/- 0.8/0.0	88	44	1,05

Shut off dampers



Dimensions

**DESCRIPTION**

- Balancing and shut-off dampers for all purposes in ventilation systems.
- Balancing dampers: to regulate the required airflow
- Shut-off dampers: for airtight isolation of ventilation systems
- Certification according to EN12237, VTT SERT R022-4 and DW144

General information

Ventistål Marine

- Market leader in Norway.
- Supplying the marine and offshore industry with ventilation and insulation products since 1992.
- Delivered spiro ducts and fittings to more than 400 vessels during the last 15 years.
- Subsidiary in Romania established in 2007
- A part of the Saint Gobain marine application group



Products

- | | |
|------------------------|------------------------|
| • Ventilation ducts | • Fancoils |
| • Fans | • Fire and gas dampers |
| • Air terminal devices | • Kitchen ventilation |
| • Air handling units | • Technical insulation |

Ventiduct

Ventistål's preinsulated and uninsulated air pipe/duct work systems are produced according to standards, rules and regulations. The preinsulated circular ducts and fittings are made from galvanized steel sheet with a layer of 16mm mineral wool between. The steel sheet is described as DX51D+Z275 (275g/m² of zink) and accords to tolerance EN10327 and EN 10143. The insulation together with inner and outer skin provides an excellent guarantee against heat loss and condensation in the cooling periode. The fittings and pipes are ready for assembling as the fittings are supplied with sealing rubber-ring to ensure tightness.

Dimensions

The Ventistål ordering code always refer to the standard dimension aaa for the inner duct D1, called Dim. For reducer PF and T-branch PT it refers to D1 and D3, dimensions aaa and bbb, called Dim 1 and Dim 2

In addition to the standard products in this leaflet, we also deliver other dimensions on request.



"The insulation material is certified by Det Norske Veritas."

Ventistål, Marine Division

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