



Exhaust arms and hoods - Alsident System

APPLICATION RANGE

The exhaust arms and hoods are designed to collect the harmful substances direct at the place of the point of origin (punctiform extraction).

APPLICATION HELP

Technical design	System			
	25	50	75	100
Aluminium tubes / PP-Joints Standard applications		●	●	●
ESD / Ex - design for ESD and Ex - Applications		●	●	●
PP-Design used for applications with the demand for chemical resistance			●	●
Exhaust cabinet for plance extraction	●			



vertical assembly



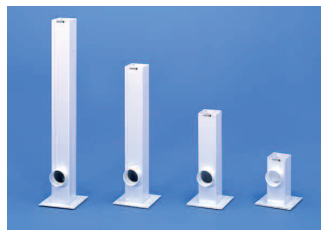
hanging assembly



hanging ceiling assembly



vertical assembly



ceiling column for ceiling assembly



wall bracket



hood 200 mm (white)



PET 5 hood, 385 mm

FUNCTIONAL PRINCIPLE:

The self-supporting exhaust systems are suitable for the table, wall and ceiling assembly. As well, without any big complexity, it is possible to fix the exhaust arms direct to the TBH exhaust and filtration systems. For collecting the harmful substances, there are different products like hoods, nozzle etc. available



Alsident System 25, Exhaust cabinet

Description L x B x H	Article-No.
Exhaust cabinet 420 x 320 x 520 mm, opening 400 x 350 mm	12487
Exhaust cabinet 600 x 450 x 350 mm, opening 150 x 520 mm	10225
Exhaust cabinet 1000 x 600 x 500 mm, opening 200 x 700 mm	10232
Exhaust cabinet 1000 x 600 x 800 mm, opening 500 x 700 mm	10238
Exhaust cabinet 1000 x 600 x 1050 mm, opening 750 x 700 mm	10214

ACCESSORY

Cabinet flange 50 mm	10222
Cabinet flange 75 mm	10229
Cabinet flange 80 mm	10326
Cabinet flange 100 mm	10235
Cabinet flange 125 mm	10356
Cabinet flange 160 mm	10212



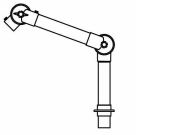
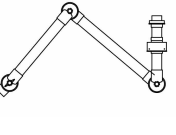
Exhaust Arm System 50 - Table mounted (vertical)

Sketch	quantity of Joints	Diameter in mm	Reach in mm	Article-No.			
				Joint	White	black (ESD)	PP (white)
				connection tube	AL	AL chromated	PP acid-proof
	2	50	275		10178	-	-
			375		10220	10403	-
			475		10297	11153	-
			575		10083	-	-
	3	50	650		10307	10409	-
			750		10172	-	-
			850		10318	10389	-
			1050		10301	-	-
			1350		10309	-	-
connection sleeve for tubes N/D 44				Article-No. 10339			

Exhaust Arm System 50 - Wall mounted (hanging)

Sketch	quantity of Joints	Diameter in mm	Reach in mm	Article-No.			
				Joint	White	black (ESD)	PP (white)
				connection tube	AL	AL chromated	PP acid-proof
	2	50	275		10251	-	-
			375		10077	11499	-
			475		10298	-	-
			575		10302	-	-
	3	50	650		10170	11489	-
			750		10173	-	-
			850		10322	10413	-
			1050		10303	11495	-
			1350		10313	11465	-
connection sleeve for tubes N/D 44				Article-No. 10339			

Exhaust Arm 50 - Ceiling mounted (hanging)

Sketch	quantity of Joints	Diameter in mm	Reach in mm	Article-No.			
				Joint	White	black (ESD)	PP (white)
				connection tube	AL	AL chromated	PP acid-proof
	2	50	275	10247	11507	-	
			375	10291	11514	-	
			475	10079	11517	-	
			575	10305	-	-	
	3	50	650	10310	11521	-	
			750	10314	11524	-	
			850	10081	11528	-	
			1050	10306	11531	-	
			1350	10316	11535	-	
connection sleeve for tubes N/D 44				Article-No. 10339			



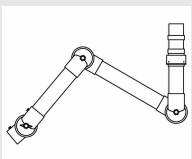
Exhaust Arm System 75 - Table mounted (vertical)

Sketch	quantity of Joints	Diameter in mm	Reach in mm	Article-No.			
				Joint	White	black (ESD)	PP (white)
				connection tube	AL	AL chromated	PP acid-proof
	2	75	350		11540	-	-
			450		-	-	-
			550		11226	-	-
	3	75	700		10078	-	10203
			1000		10072	12713	10206
			1200		10190	12847	10183
			1550		10197	-	10073

Absaugarm System 75 - Wall mounted (hanging)

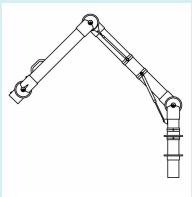
Sketch	quantity of Joints	Diameter in mm	Reach in mm	Article-No.			
				Joint	White	black (ESD)	PP (white)
				connection tube	AL	AL chromated	PP acid-proof
	2	75	350		11530	-	11537
			450		11525	-	11539
			550		11533	-	11513
	3	75	700		10204	-	10210
			1000		10071	12990	11094
			1200		10188	-	11098
			1550		10200	-	10920

Exhaust Arm System 75 - Ceiling mounted (hanging)

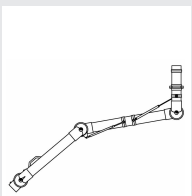
Sketch	quantity of Joints	Diameter in mm	Reach in mm	Article-No.			
				Joint	White	black (ESD)	PP (white)
				connection tube	AL	AL chromated	PP acid-proof
	3	75	700	10182	-	10075	
			1000	10186	-	10191	
			1200	10189	-	10195	
			1550	10196	-	10198	



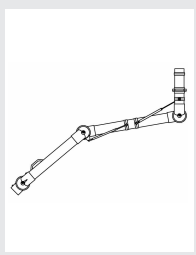
Exhaust Arm System 100 - Table mounted (vertical)

Sketch	quantity of Joints	Diameter in mm	Reach in mm	Article-No.			
				Joint	White	black (ESD)	PP (white)
				connection tube	AL	AL chromated	PP acid-proof
	2	100	550				
			850	11277	11300	11307	
	3	100	1000	11272	11298	11303	
			1200	11269	11293	11299	
			1550	11265	11288	11295	
			1900	11262	11286	11291	
		1900	11266	11282	11287		

Exhaust Arm System 100 - Wall mounted (hanging)

Sketch	quantity of Joints	Diameter in mm	Reach in mm	Article-No.			
				Joint	White	black (ESD)	PP (white)
				connection tube	AL	AL chromated	PP acid-proof
	3	100	850	11268	11289	11292	
			1000	11267	11284	11285	
			1200	11264	11280	11290	
			1550	11260	11276	11281	
			1900	10956	10989	10985	
			2400	10999	10992	10996	

Exhaust Arm System 100 - Ceiling mounted (hanging)

Sketch	quantity of Joints	Diameter in mm	Reach in mm	Article-No.			
				Joint	White	black (ESD)	PP (white)
				connection tube	AL	AL chromated	PP acid-proof
	3	100	850	11259	11278	11283	
			1000	11258	11308	11279	
			1200	11253	11306	11309	
			1550	11250	11302	11304	
			1900	11247	11294	11301	
			2400	11273	11296	11297	


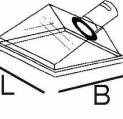
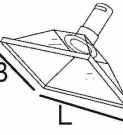

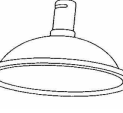
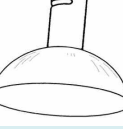
Adaption set for exhaust arms

Model	System 50	System 75	System 100	
LN 100	13193	-	-	
LN 220/230	13191	13192	-	
LN 260/265/500	13194	13195	13196	
CompairS	13218	-	-	



Alsident Accessories

EXHAUST HOODS


		Article-No.		
		System 50	System 75	System 100
	dimensions	ø: 200 mm	ø: 200 mm	ø: 200 mm
	Alu ESD / EEX	11431	-	11107
	Alu white powdered	10278	10219	10960
	PP acid proof (white)	-	-	11305
	dimensions	L: 245 mm B: 220 mm	L: 420 mm B: 320 mm	
	Polycarbonat	10308	10234	
	PP acid proof (white)	-	10907	
	dimensions	L: 200 mm B: 150 mm		
	Polycarbonat	10311		
	Diameter	Ø: 280 mm	Ø: 280 mm	
	PETG	11255	11275	
	Diameter	Ø: 385 mm	Ø: 385 mm	Ø: 500 mm
	Polycarbonat	10359	10412	11074
	ESD-black	-	-	12519
	PP acid proof (white)	-	10899	11138
	Diameter			Ø: 350 mm
	Al anodised			11215
	Alu ESD / EEX			11410

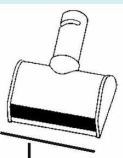
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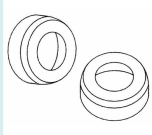



Alsident Accessories

GENERAL ACCESSORY

		Article-No.		
		System 50	System 75	System 100
 Extractor tube	dimensions	L: 210 mm	L: 310 mm	L: 250 mm
	Alu Eloxid	10199	10294	10213
	ESD	10392	10400	-
	PP acid proof (white)	-	-	10990

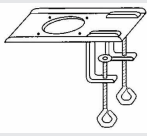
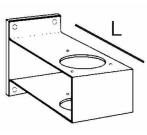
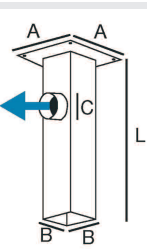
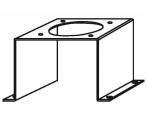
 Extractor nozzle	dimensions	L: 200 mm	L: 250 mm	
	white	10299	-	
	ESD	10395	10237	

 Reduction socket	white PP			
	Ø 63	10348	-	-
	Ø 80	10443	-	-
	Ø 100	-	10346	-
	Ø 125	-	-	11241

 Protection grid for hoods	dimensions			
	Weiss PP	11243	11228	-

Alsident Accessories

MOUNTING BRACKETS

		Article-No.			
		System 50	System 75	System 100	
 <p>Table brackets</p>	dimensions				
	powder-coated (white)	10179	10202		
 <p>Wall brackets</p>	dimensions	L: 200mm	L: 250mm	illustration alike (2 parts)	
	powder-coated (white)	10156	10138	10937	
 <p>Ceiling brackets</p>	dimensions	A = 200x200 mm; B = 100x100 mm	A = 200x200 mm; B = 100x100 mm	A = 250x250 mm; B = 150x150 mm	
			C = Ø 80	C = Ø 80	C = Ø 100
	powder-coated (white)				
	L: 250 mm	11101	11101	-	
	L: 500 mm	10207	10207	11314	
	L: 750 mm	10208	10208	-	
	L: 1000 mm	10215	10215	11311	
 <p>Console</p>	dimensions				
	Consolte (white)	11649	11432	11427	

TRIPLE PROTECTION FOR PEOPLE, ENVIRONMENT AND MACHINES

Tubes and form parts System SAFE with double rubber lip gasket

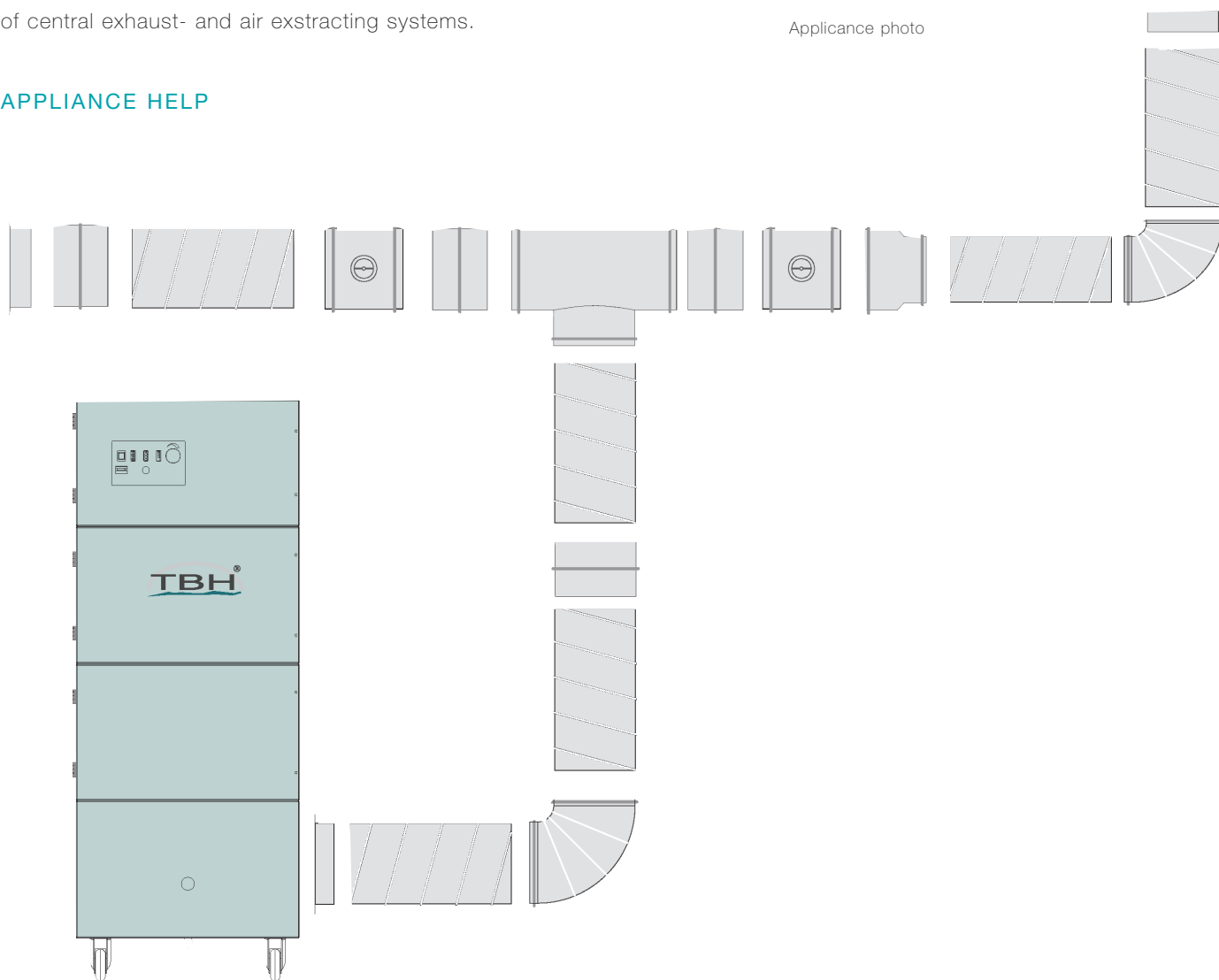
APPLICATION RANGE

The SAFE pipe construction kit enables individual planning and configuring of central exhaust- and air extracting systems.



Appliance photo

APPLIANCE HELP



FUNCTIONAL PRINCIPLE:

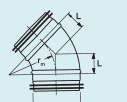
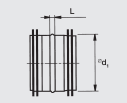
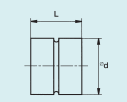
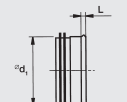
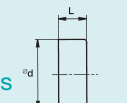
all form- and joining parts come with a double rubber lip gasket made of tough, non-aging rubber. This System gives compression guarantee accordingly to the class B after Eurovent.



rubber lip



Tubes and form parts System SAFE with double rubber lip gasket

N/D in mm	ø 63	ø 80	ø 100	ø 125	ø 160	ø 180	ø 200	ø 224	ø 250
Article-No.									
bend 15° 	10464	10467	10438	10442	10448	10452	10458	10461	10463
bend 45° 	10466	10436	10441	10445	10453	10456	10462	10468	10471
bend 60° 	10474	10477	10481	10484	10491	10494	10498	10472	10475
bend 90° 	10478	10483	10486	10489	10497	10470	10473	10476	10479
coupling 	10482	10487	10490	10493	10469	10480	10485	10495	10508
Female coupling 	10512	10517	10520	10524	10499	10503	10506	10510	10515
end cap for tubes 	10519	10523	10527	10530	10504	10507	10511	10514	10516
end cap for formed parts 	10521	10526	10529	10500	10505	10509	10513	10518	10522

TRIPLE PROTECTION
FOR PEOPLE, ENVIRONMENT AND MACHINES



Tubes and form parts System SAFE with double rubber lip gasket

N/D in mm	ø 63	ø 80	ø 100	ø 125	ø 160	ø 180	ø 200	ø 224	ø 250	
Article-No.										
Roof hood 	11611	11614	10525	10532	10539	10543	10546	-	-	
Deflector hood 	11617	11621	10087	10090	10538	10542	10547	-	-	
Air outlet socket with protection grid 	10558	10986	10091	10531	10541	10545	10548	11479	-	
Bypass flap 	11623	11618	10557	10086	10089	-	10533	-	-	
Isolation flap (airproof) 	11631	11146	10540	10544	10552	10556	10088	-	-	
Adjustment flap 	10562	10565	10574	10560	10571	10576	10580	10092	10095	
Flange 	-	10563	10566	10569	10577	10578	10094	10564	10567	
Circular pipe length 3 meters 	10570	10573	10575	10579	10587	10591	10595	10599	10603	



Tubes and form parts System SAFE with double rubber lip gasket

REDUCTIONS

N/D in mm	ø 63	ø 80	ø 100	ø 125	ø 160	ø 180	ø 200	ø 224	ø 250	
Article-No.										
ø 80	10607	-	-	-	-	-	-	-	-	
ø 100	10611	10614	-	-	-	-	-	-	-	
ø 125	10585	10589	10592	-	-	-	-	-	-	
ø 160	10613	10581	10586	10590	-	-	-	-	-	
ø 180	10596	10602	10604	10608	10582	-	-	-	-	
ø 200	10584	10588	10594	10597	10605	10609	-	-	-	
ø 224	10616	10619	10621	10625	10630	10633	10636	-	-	
ø 250	10639	10615	10620	10623	10629	10632	10635	10638	-	



Tubes and form parts System SAFE with double rubber lip gasket

BRANCH 45°

N/D in mm	ø 63	ø 80	ø 100	ø 125	ø 160	ø 180	ø 200	ø 224	ø 250	
Article-No.										
ø 63	10640	-	-	-	-	-	-	-	-	
ø 80	10617	10618	-	-	-	-	-	-	-	
ø 100	10624	10627	10641	-	-	-	-	-	-	
ø 125	10631	10634	10622	10637	-	-	-	-	-	
ø 160	10662	10666	10670	10674	10647	-	-	-	-	
ø 180	10717	10651	10655	10659	10668	-	-	-	-	
ø 200	10714	10675	10644	10649	10656	10660	10655	-	-	
ø 250	10766	10669	10671	10676	10648	10653	10657	10764	10661	

TRIPLE PROTECTION
FOR PEOPLE, ENVIRONMENT AND MACHINES



Tubes and form parts System SAFE with double rubber lip gasket

BRANCH 90°

N/D in mm	ø 63	ø 80	ø 100	ø 125	ø 160	ø 180	ø 200	ø 224	ø 250	
Article-No.										
ø 63	10663	-	-	-	-	-	-	-	-	
ø 80	10667	10672	-	-	-	-	-	-	-	
ø 100	10679	10683	10687	-	-	-	-	-	-	
ø 125	10691	10695	10699	10703	-	-	-	-	-	
ø 160	10693	10698	10702	10706	10818	-	-	-	-	
ø 180	10677	10682	10686	10690	10697	-	-	-	-	
ø 200	10705	10709	10678	10680	10688	10692	10696	-	-	
ø 250	10700	10704	10708	10715	10758	10712	10722	10757	10760	



Flexible PVC / PU hoses and hose clips

	PVC-hose flexible	PU hose high flexible solvent-/ acid-resistant	hose clip	Flexible aluminium tube L = 1,25 m gestreckte Länge = ca. 5 m
N/D in mm	Article-No.	Article-No.	Article-No.	Article-No.
ø 44	10003	11156	12971	-
ø 50	12684	10720	10765	-
ø 63	10101	10974	10098	-
ø 80	10108	10954	10053	11064
ø 100	10054	11369	10038	11124
ø 125	10135	10335	10139	10808
ø 160	10056	11337	10043	10878
ø 180	10357	10725	10756	11501
ø 200	10343	11160	10104	11024
ø 250	10362	10759	10761	11056