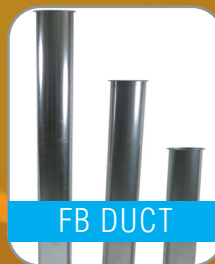


FB & FLANGED PRODUCT CATALOGUE

VERSION 1:2022, ENGLISH

All the ducting
components you
need for your dust
collection / process
ventilation system

• Galvanized • Stainless steel • Aluminum



FB DUCT



CLIPS



FLANGED DUCT



PRESSED BENDS



SEGMENTED BENDS



BRANCHES



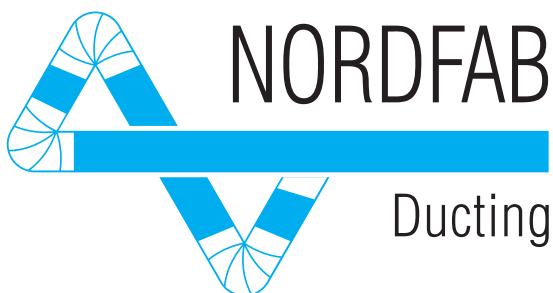
SPARK TRAP



CARZ



ACCESSORIES



www.nordfab.com

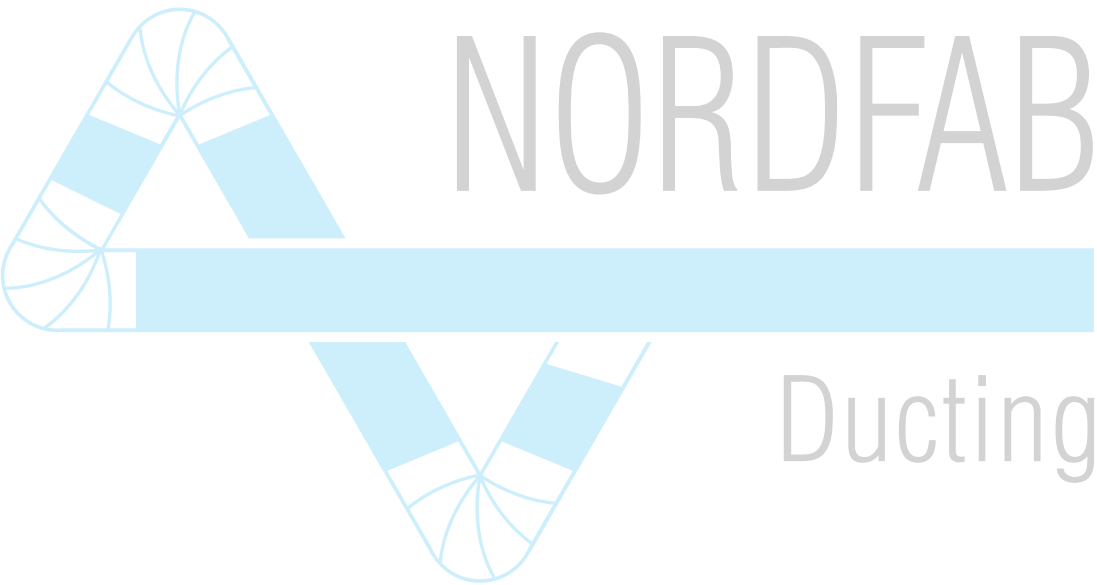
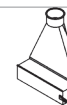
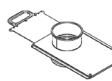
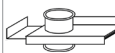
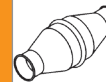
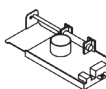
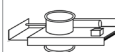


Table of Contents

INTRODUCTION	6
The world's fastest ducting	6
General conditions of sale	7
Nordfab ducting general specifications	8
NORDFAB FB DUCT & CLIP	11
FB Duct Galvanised	13
FB Telescopic Duct	13
FB Clip Quick Release	14
FB Wide Clip	14
FSAB Clip, Bolted Clip	14
FB Seal for Clip	14
NORDFAB FB HANGERS & INSTALLATION	15
KVDA Split Strap	15
KVDD Legs for Split Strap	15
NORDFAB FB BENDS	16
90° FB Pressed Bend	16
60° FB Pressed Bend	16
45° FB Pressed Bend	16
30° FB Pressed Bend	16
15° FB Pressed Bend	16
90° FB Segmented Bend	17
60° FB Segmented Bend	17
45° FB Segmented Bend	17
30° FB Segmented Bend	17
15° FB Segmented Bend	17
NORDFAB FB BRANCHES	18
FB Branch Standard	18
FB Double Branch	18
FB Y Branch (Breeches)	19
FB T-Branch	19
FB Cut in Branch	20
NORDFAB FB ADAPTERS	20
FB End Cap	20
FB Reducer	21
FB Cap	21
FB Mesh End Cap	21
FB Nipple to go Over	22
FB Nipple for Hose	22
FB Nipple to go Inside	22
Quick-Fit Transition piece	22
FB Reducer with straight edge for the hose	23
FB Duct with Access Door	23
FB Access Door	23
FB Transition Rectangular to Round	23

NORDFAB FB DAMPERS	24
SBMS Manual Damper	24
SBBA Manual Damper	24
SBAS Automatic Damper	25
Shield Couplings for SBBB Automatic Damper	26
SBBB Automatic Damper	26
NORDFAB FB DIVERTER VALVES	26
RGSM Manual Diverter / RGBM Automatic Diverter	27
RGSL Manual Diverter / RGBL Automatic Diverter	27
HOSE & CLIPS	28
Hose PU4	28
Hose PU7	28
Hose Clip	28
NORDFAB FB ACCESSORIES	29
Weather Cowl	29
FB Ball Joint	29
FB Drop Box	29
FB Silencer w/o Baffle	30
FB Silencer w/ Baffle	30
Inline Back Draft Damper	31
Suction Hood	31
FB Floor Sweep (not available in UK & Ireland)	31
Jet Cowl	31
NORDFAB FLANGED DUCT	32
Flanged Duct FLI/FLN Galvanised (Welded)	32
Flanged Duct FLI Galvanised (Welded)	33
Flanged Duct FLI Stainless Steel (Welded)	33
FLN Flange	34
Flanged Gasket FSAZ	34
FLI Flange	35
FLI BENDS	36
90° FLI Pressed Bends	36
60° FLI Pressed Bends	36
45° FLI Pressed Bends	36
30° FLI Pressed Bends	36
15° FLI Pressed Bends	36
90° FLI Segmented Bends	37
60° FLI Segmented Bends	37
45° FLI Segmented Bends	37
30° FLI Segmented Bends	37
15° FLI Segmented Bends	37
FLN BENDS (UK & IRELAND ONLY)	38
FLANGED ACCESSORIES	39
Jet Cowl	39
INLINE SPARK TRAP	40
CARZ EXPLOSION ISOLATION FLAP VALVE	41
QUICK-FIT VISUAL	42

Type	Description	Page	Type	Description	Page	Type	Description	Page	Type	Description	Page
DUCT & CLIPS			BRANCHES			HOSES & CLIPS			ACCESSORIES		
	FB Duct	13		Branch Standard	18		Hose	28		Weather Cowl	29
	Slip Duct / Telescopic Duct	13		Double Branch	18		Hose Clips	28		Ball Joint	29
	FB Clips	14		Y-Branch	19	DIVERTER VALVES				Drop Out Box	29
	Flanged Duct FLI / FLN	32-33		T-Branch	19					RGSM Manual Diverter Valve	26
	FLN / FLI Flange / FSAZ Flange Gasket	34		Cut-in Branch	20		RGBM Automatic Diverter Valve	26		Suction Hood	31
BENDS			DAMPERS							Floor Sweep	31
	FB Pressed Bend	16/36		SBMS Manual Damper	24					RGSL Manual Diverter Valve	27
	FB Segmented Bend	17		SBBA Manual Damper	24		RGBL Automatic Diverter Valve	27		Inline Spark Trap	40
	Flanged Segmented Bend	37		SBAS Automatic Damper	25	HANGERS & INSTALLATION				CARZ Explosion Isolation Flap Valve	41
ADAPTERS										KVDA Split Strap	15
	End Cap	20					SBBB Automatic Damper	25		KVDD Legs for Split Strap	15
	Reducer	21									

End Types

If you do not specify an end type, we will supply as standard: FB flat 6 mm ends for duct in sizes from 80 mm to 710 mm and Flanged ends for sizes above 710 mm. QF rolled ends for quick connection to other QF-components, using the QF Clip.

FLI / FLN: Industry-standard Angle Ring. Nordfab standard is Flange (FLI or FLN) attached loosely and retained in place using a vanstone lip. Upon customer request, the flange can be solid welded to product or provided loose (separate) with a NOFIT end. Flanges to be welded will require clocked location.

RAWFLEX: Raised dimple to retain flexible hose.

NOFIT: No Fitting. A raw end with standard dimensions based on product size.

RAWOD: Raw end without fitting. End dimension based on customer specified Outside Diameter.

RAWID: Raw end without fitting. End dimension based on customer specified Inside Diameter.

End Type	Abbreviation
Quick-Fit	QF
No Fit	NF
Raw ID	RI
Raw OD	RO
Rawflex	RF
Flange	AFL
Vanstone	VS



The world's fastest ducting

The Nordfab Group manufacture and supply high performance ducting to trade customers worldwide. As a manufacturer of duct products for environmental filtration systems, we are proud to help supply clean air for workers and equipment in workplaces of all sizes and types. Our ducting is an integral part of dust, mist, and fume collection systems around the world.

Cut installation time by 50%

With sales and manufacturing facilities across Europe, Asia, Australia and the Americas, Nordfab is the industry leader and world's largest supplier of clip-together ductwork for dust, mist, fume and smoke applications and industrial ventilation. Ideal for most dust applications, Nordfab FB ducting features a flat edge on the ends which can be connected either by clips or loose flanges. The easy-to-use clips, can cut installation times by up to 50%, saving contractors time and money when compared to alternative types of ductwork.

Easy & Fast to install

Because our ducting systems clip together, no rivets screws, or welding are needed. This cuts installation and downtime by up to 50 % compared to flanged ductwork installation.

Re-Useable

Nordfab ducting is easy to uninstall and relocate as you move machinery or have other changes in work areas, providing one of the lowest life cycle cost of any ducting product.

Fits most applications

Nordfab ducting components are adaptable to existing ductwork and are been used in a wide variety of applications, wherever dust collection or fine particulate transfer is required.

Quality

We take great pride in servicing our customers with our promise of being **Fast, Friendly, and Reliable**. Our products are produced in an ISO-certified and process-oriented manufacturing environment. Nordfab is ISO 9001:2015 and ISO 14001:2015 certified, ensuring our dependability, quality, service, delivery, and minimum impact on the environment.



General Conditions of Sale

This is a summary of our General Conditions of Sale. Scan the QR code to read the full version.



General Conditions of Sale for Nordfab Europe.



General Conditions of Sale for Nordfab UK & Ireland.



INTRODUCTION

Shipping and Packaging

An additional charge for shipping and packaging may be applied.

Upon Receipt of Delivery

Please check the number of packages and that all components are intact before signing the waybill. If you are not completely satisfied with your order, please contact us.

EMEA:	UK & Ireland only:
Contact Mail Order:	Contact Mail Order:
salesdk@nordfab.com	sales@nordfab.co.uk

Contact Phone Order:	Contact Phone Order:
+45 86 47 11 00	+44 (0) 1132 739 400

Internet:	Internet:
www.nordfab.com	www.nordfab.com

Conditions for Returning Goods

Please contact us before returning goods. When returning goods, enclose a copy of the original invoice or delivery note. Returns without agreement and/or attached documents will not be credited.

Undamaged standard items should be returned in original packaging. 30% restocking charge apply. Delivery charges for returned items are to be paid by the customer.

Tracking Goods

Please use the waybill number on your current bill to track goods. Goods can be tracked using: **DHL Customer Service**, visit www.dhl.com. **Schenker**, phone terminal on each city or visit www.schenker.com. **Other companies**, phone terminal on each city.

Price, Product and Technology Changes

We reserve the right to change our prices at any time. To ensure you have the latest product information, please check our website, www.nordfab.com.

Hours of Operation

Weekdays 07:00 - 16:00.

Steel Mill Certifications

Request for mill certificates must be requested in advance of order placement.

Nordfab Ducting General Specifications:

Structural integrity and general engineering specifications for Nordfab FB ducting

Applications

Nordfab’s laser welded seam FB Ducting System has been used in many different industrial applications, and under various negative static pressures. The typical design range we see in our applications range from -498 - 6974 pa; however, we have some systems operating at vacuums of -7971 - 10462 Pa under normal operating parameters. Our pipe comes in 1 / 1,5 / 2 m lengths with a lip on each end, thus providing reinforcement every 1 / 1,5 / 2 m, which presents a sound structural design that should be as strong or stronger than any pipe in its class.

Structural integrity

All fit-together ducting systems allow for some degree of leakage where they are joined. Nordfab FB ducting is no exception and is not sold as an airtight system. In comparison to other ducting typically used in fit-together / clip-together systems, Nordfab’s FB duct pipe has fully welded, leak-tight laser or plasma welded seams. Spiral

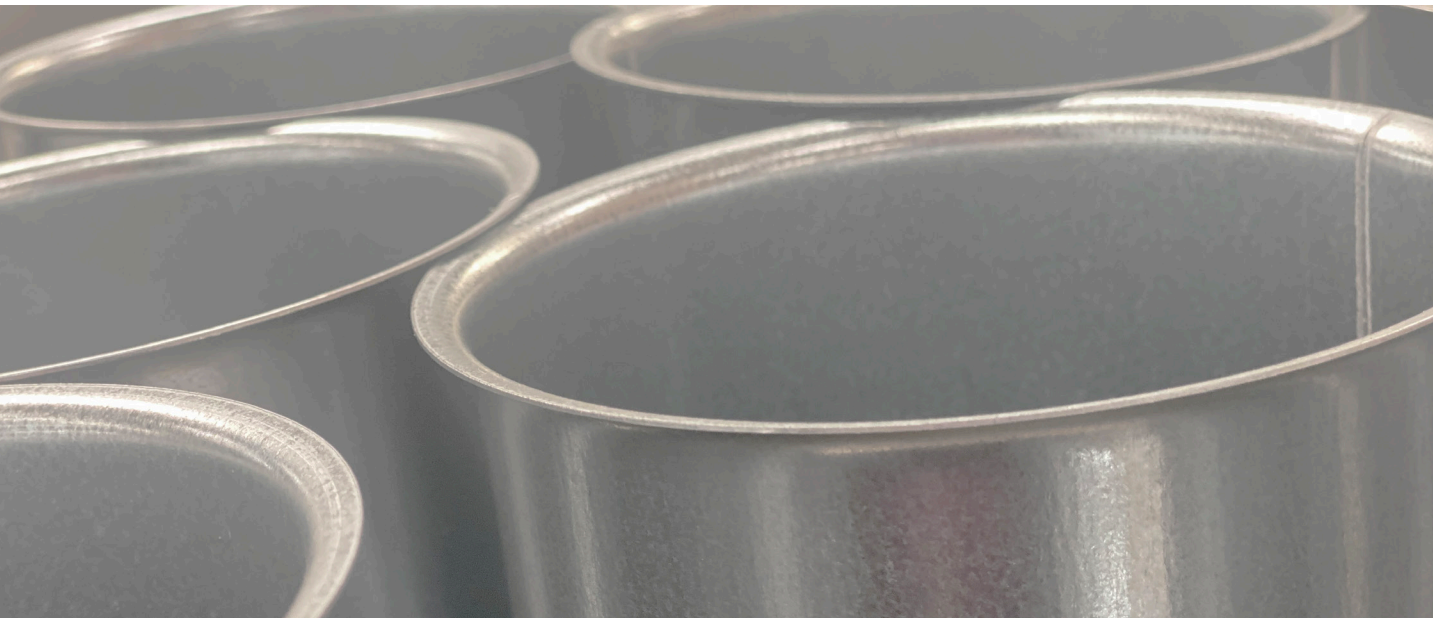
and other ducting with lockform seams are not fully welded at the pipe seams and can be expected to have higher leakage rates than Nordfab FB duct. Application of sealants to the individual rolled ends can also enhance the tightness of the system. However, the Nordfab FB system is sold as a quick way of installing and modifying ductwork while at the same time retaining the usability of each component. In short, Nordfab FB is designed with the capability to be taken apart, re-assembled, stored or moved. Completely eliminating the possibility for leakage jeopardizes the inherent benefits of the duct. While Nordfab is currently unaware of any method of evaluating dust collection piping alone, the following data is presented using the criteria for all duct, including HVAC. This data is presented only for the purpose of indicating acceptability of the Nordfab FB in dust/fume removal in a negative pressure situation and should not be confused with the ducting that uses tape or gaskets as sealant in the positive conveyance of air.

Quick Reference for Nordfab Ductwork in Various Operating Temperatures

Each component in a product must be evaluated to confirm temperature vulnerabilities.

Operating temperature of ductwork components					
°C	Pipe, Bends, Branches & Other Metal Components	Caulks	Seals in QF Clips	O-Rings for QF sleeves (adjustable nipples)	Flange Gasket
1400	Galvanized Steel 304SS Black Metal Mild Steel or Black Steel	3M™ Scotch Seal Metal Sealant 2084 Rock River Silicone Sealant Red Devil HVAC/R High Temp Silicone Sealant Leak-free caulking: 3M Marine Adhesive / Sealant - Fast Cure 4000 UV 3M Polyurethane Adhesive Sealant 560	Nitrile Silicone (intermittent to 260° C, max. one hour) ePTFE	Black O-Ring Red Silicone O-Ring	Nitrile Silicone
600					
300					
260					
230					
205					
199					
121					
88					
70					
-29					
-40					
-51					
-54					
-59					
-63					

This information is intended as a general recommendation. each component in a ductwork system should be analyzed for temperature vulnerabilities (example: Rubber seals in blast gates have a lower temperature rating than the metal housing). See individual product pages for notes regarding components with additional temperature limitations.



Sizing Nordfab Ducting Systems

Nordfab offers assistance to customers who have never designed a ducting system. We can assist you with determining the correct duct size and

configuration for optimal air flow. Please call your local representative for assistance.

Air Volume Chart										
Ø mm	10 m/s	12 m/s	15 m/s	18 m/s	20 m/s	22 m/s	25 m/s	27 m/s	29 m/s	31 m/s
80	181	217	271	326	362	398	452	489	525	561
100	283	339	424	509	566	622	707	763	820	877
125	442	530	663	795	884	972	1105	1193	1281	1370
140	554	665	831	998	1108	1219	1385	1496	1607	1718
150	636	763	954	1145	1272	1400	1590	1718	1845	1972
160	724	869	1086	1303	1448	1592	1810	1954	2099	2244
180	916	1099	1374	1649	1832	2015	2290	2473	2657	2840
200	1131	1357	1697	2036	2262	2488	2827	3054	3280	3506
224	1419	1702	2128	2554	2837	3121	3547	3831	4114	4398
250	1767	2121	2651	3181	3534	3888	4418	4771	5125	5478
300	2545	3054	3817	4580	5089	5598	6362	6871	7380	7889
315	2806	3367	4208	5050	5611	6172	7014	7575	8136	8697
350	3464	4156	5195	6235	6927	7620	8659	9352	10045	10737
400	4524	5429	6786	8143	9048	9953	11310	12215	13119	14024
450	5726	5871	8588	10306	11451	12569	14314	15459	16604	17749
500	7069	8482	10603	12724	14137	15551	17672	19085	20499	21913
560	8867	10640	13300	15960	17734	19507	22167	23940	25714	27487
630	11222	13466	16833	20200	22444	24689	28055	30300	32544	34788
710	14253	17104	21380	25656	28506	31357	35633	38483	41334	44185

Using the Air Volume Chart

This chart allows you to choose the correct duct size for the air volume that is required. Different materials need to be conveyed at different velocities to prevent the material from falling out of the air stream. For example, wood chips and saw dust flow well between 18 – 25 m/s. Referring to the chart, a 100 mm duct will convey 622 m³/h at 22 m/s. This indicates that a 100 mm pickup on a machine will use 622 m³/h from the filtering system. Or working in reverse, if you know that a machine will require approximately 650 m³/h to remove the waste, then you should design a 100 mm duct for the application.

Design & Specification Tools

Nordfab offers fast and friendly specification, installation design, and quoting tools for planning ducting installations.

Quick-Fit Visual 3D Duct Design, an online, easy-to-use tool which greatly simplifies designing an installation while providing automatic sizing and pressure loss calculations.

NordCAD™ is our CAD-based tool to assist with designing Nordfab ductwork installations. NordCAD allows a CAD user to place 2D illustrations of Nordfab QF Ducting and Flanged Ducting components into a CAD drawing.

Nordfab dealers can access our quoting and ordering tool to quickly obtain pricing or place orders.

Nordfab FB ducting

Nordfab ducting offers an unbeatable solution for all general purpose dust extraction duties. Nordfab FB clipped and flanged ducting offers a complete range of diameters and accessories for easy-to-fit professional installations. Manufactured from galvanised steel or stainless

steel with laser welded seams on straight duct, which have smoother internal surfaces and provide greatly enhanced leak resistance. Nordfab flanged ducting is supplied with pre-assembled and drilled loose flanges for ease of alignment during installation.



Who Uses Nordfab FB?

- Woodworking
- Furniture
- Metalworking
- Concrete
- Recycling
- Automotive
- Plastics
- Textiles
- Powder, Bulk and Solids
- Agriculture
- Paper
- Chemical
- Ventilation
- Many more

Advantages

- Clip connections allow for fast installation with no special tools, no painting, no rivets
- Easy to assemble installation components
- Neat slip duct connections to adapt and adjust ducting on site during installation
- FB offers additional security of bolted flanged connections for more rigorous applications
- Laser welded straight ducts for smoother surface and enhanced leak resistance
- Easy to extend or take apart completely for cleaning, reconfiguring or relocation
- Full range of accessories and installation components
- Adapters available to connect to and extend all other duct systems
- All you need from one comprehensive, tried and tested range
- Stainless steel also available

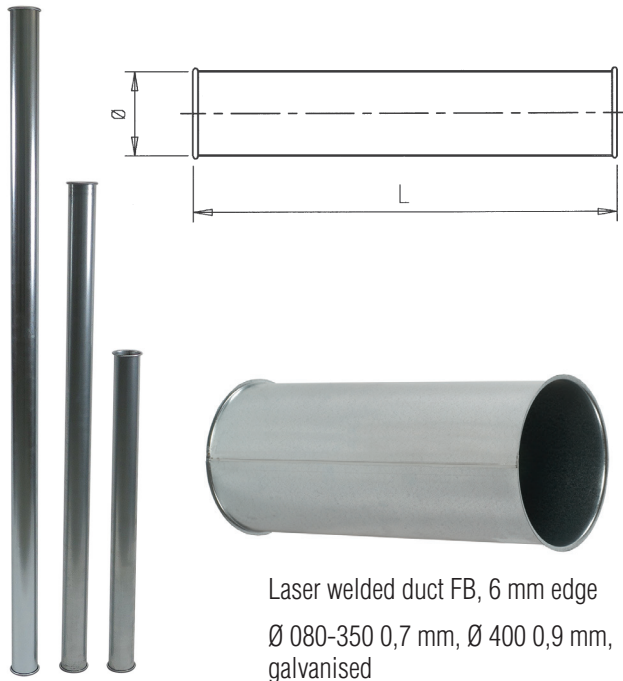
New length to FB ducting

In response to customer demand, Nordfab Europe has added 2-meter fully laser welded lengths of ducting to our existing product range. The new additional 2-meter length will be available with diameters ranging between 80-400 mm, thickness ranging 0,6 to 2,0 mm, and will be available in galvanized steel, stainless steel, black steel, and aluminum.

New!
2 meter long
laser welded
duct

The world's fastest ducting just got even faster!

The 2-meter laser welded length provides customer with a more efficient way to plan ducting, using less pieces and less joins.



Nordfab FB ducting is ideal for most dust collection applications. It features a 6 mm flat edge on the ends which can be connected either by clips or loose flanges.

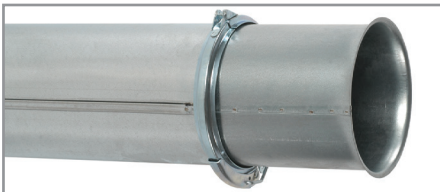
FB Duct Galvanised

	Ø mm	L mm	Item no, 2000 mm Galv	L mm	Item no, 1500 mm Galv	L mm	Item no, 1000 mm Galv	L mm	Item no, 500 mm Galv	T mm
Welded seam	100	1983	8240020595	1483	8240020594	983	8240020593		8240020592	0,7
	120	1983	8240020599	1483	8240020598	983	8240020597		8240020596	0,7
	125	1983	8240020603	1483	8240020602	983	8240020601		8240020600	0,7
	140	1983	8240020607	1483	8240020606	983	8240020605		8240020604	0,7
	150	1983	8240020611	1483	8240020610	983	8240020609		8240020608	0,7
	160	1983	8240020615	1483	8240020614	983	8240020613		8240020612	0,7
	180	1967	8240020619	1476	8240020618	967	8240020617		8240020616	0,7
	200	1967	8240020623	1476	8240020622	967	8240020621		8240020620	0,7
	220	1967	8240020627	1476	8240020626	967	8240020625		8240020624	0,7
	225	1967	8240020631	1476	8240020630	967	8240020629		8240020628	0,7
	250	1967	8240020635	1467	8240020634	967	8240020633		8240020632	0,7
	300	1967	8240020639	1467	8240020638	967	8240020637		8240020636	0,7
	315	1967	8240020643	1467	8240020642	967	8240020641		8240020640	0,7
	350	1967	8240020647	1467	8240020646	967	8240020645		8240020644	0,7
	400	1967	8240020651	1467	8240020650	967	8240020649		8240020648	0,9
Lockedform seam	450	1983	8240020654			983	8240020653		8240020652	0,9
	500	1983	8240020657			983	8240020656		8240020655	0,9
	550	1983	8240020660			983	8240020659		8240020658	0,9
	600	1983	8240020663			983	8240020662		8240020661	0,9
	630	1983	8240020666			983	8240020665		8240020664	0,9
	650	1983	8240020669			983	8240020668		8240020667	0,9
	700	1983	8240020672			983	8240020671		8240020670	0,9
	750	1967	8240020675			967	8240020674		8240020673	0,9
	800	1967	8240020678			967	8240020677		8240020676	0,9
	850	1967	8240020681			967	8240020680		8240020679	0,9
	900	1967	8240020684			967	8240020683		8240020682	0,9
	950	1967	8240020687			967	8240020686		8240020685	0,9
	1000	1967	8240020690			967	8240020689		8240020688	0,9

FB Telescopic Duct

Welded Galvanised

Ø mm	0,5 m	T mm	Ø mm	0,5 m	T mm	Ø mm	0,5 m	T mm
80	8210004363	0,7	150	8210004368	0,7	250	8210004373	0,7
100	8210004364	0,7	160	8210004369	0,7	300	8210004374	0,7
120	8210004365	0,7	180	8210004370	0,7	315	8210004375	0,7
125	8210004366	0,7	200	8210004371	0,7	350	8210004376	0,7
140	8210004367	0,7	225	8210004372	0,7	400	8210004377	0,9



Laser welded telescopic duct including quicklock FB 6 mm edge

If dismantling or maintaining FB duct work, we recommend that the clip and gasket that are involved should be replaced with new parts.

FB Clip Quick Release

Ø mm	Item no.	Ø mm	Item no.	Ø mm	Item no.
80	8210003082	180	8210003089	400	8210003097
100	8210003083	200	8210003090	450	8210003098
120	8210003084	225	8210003091	500	8210003099
125	8210003085	250	8210003092	550	8210003100
140	8210003086	300	8210003094	600	8210003101
150	8210003087	315	8210003095		
160	8210003088	350	8210003096		



Quick release Clip with PVC lining
Ø 080 - 400 mm hinged type
Ø 450 - 600 mm bolted type

FB Wide Clip

Ø mm	Item no.	Ø mm	Item no.	Ø mm	Item no.
80	8210003058	200	8210003066	500	8210003074
100	8210003059	225	8210003067	550	8210003075
120	8210003060	250	8210003068	600	8210003076
125	8210003061	300	8210003069	630	8210003077
140	8210003062	315	8210003070	650	8210003078
150	8210003063	350	8210003071	700	8210003079
160	8210003064	400	8210003072	750	8210003080
180	8210003065	450	8210003073	800	8210003081



FB Wide Clip offers more stability

FSAB Clip, Bolted Clip

Ø mm	Item no.	Ø mm	Item no.	Ø mm	Item no.
80	8210003039	160	8210003045	315	8210003052
100	8210003040	180	8210003046	325	8210003053
120	8210003041	200	8210003047	350	8210003054
125	8210003042	225	8210003048	400	8210003055
140	8210003043	250	8210003049	450	8210003056
150	8210003044	300	8210003051	500	8210003057



FB Seal for Clip

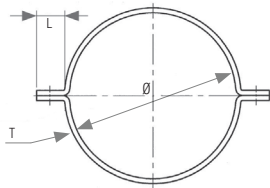
Ø mm	Item no.	Ø mm	Item no.	Ø mm	Item no.
80	8210004347	160	8210004353	315	8210004359
100	8210004348	180	8210004354	350	8210004360
120	8210004349	200	8210004355	375	8210004361
125	8210004350	225	8210004356	400	8210004362
140	8210004351	250	8210004357		
150	8210004352	300	8210004358		



FB Seal for Clip.
EDM rubber gasket.
To be used in
conjunction with
FSAB Clips.

KVDA Split Strap

Ø mm	Item no.	L	T	Ø mm	Item no.	L	T
80	8210001108	25	3	315	8210001121	30	3
100	8210001109	25	3	325	8210001122	30	3
120	8210001110	25	3	350	8210001123	30	3
125	8210001111	25	3	400	8210001124	30	3
140	8210001112	25	3	450	8210001125	30	3
150	8210001113	25	3	500	8210001126	30	3
160	8210001114	25	3	550	8210001127	40	3
180	8210001115	25	3	560	8210001128	40	3
200	8210001116	25	3	600	8210001129	40	3
224	8210001117	25	3	630	8210001130	40	3
250	8210001118	25	3	650	8210001131	40	3
280	8210001119	30	3	710	8210001132	40	3
300	8210001120	30	3	800	8210001133	40	3



KVDA Split Strap



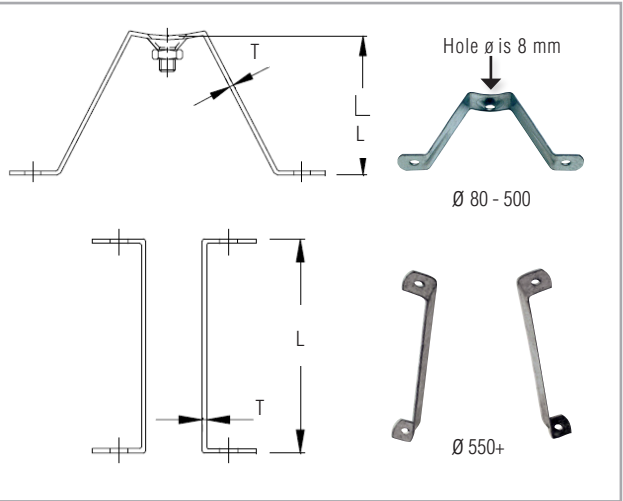
Duct mounted with Split Strap
and legs for Split Strap.



Galvanised, including bolt
and nut.

KVDD Legs for Split Strap

Ø mm	Item no.	T	L	Weight kg
80 to 160	8210003377	2,5	65	0,12
180 to 315	8210003378	2,5	65	0,17
350	8210003379	3,0	235	0,35
400	8210003380	3,0	260	0,40
450	8210003381	3,0	285	0,45
500	8210003382	3,0	310	0,50
550	8210003383	3,0	= 0,5(Ø)+100 mm	0,55
600	8210003384	3,0	= 0,5(Ø)+100 mm	0,60
650	8210003385	3,0	= 0,5(Ø)+100 mm	0,65
700	8210003386	3,0	= 0,5(Ø)+100 mm	0,70
800	8210003387	3,0	= 0,5(Ø)+100 mm	0,80



FB Pressed Bends

Duct bends allow airflow direction change in a run of duct. Bends are available in 90°, 60°, 45°, 30°, and 15° with 6 mm edge.



90° FB Pressed Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210002893	120		0,4
100	8210002898	150		0,5
120	8210002903	180		0,8
125	8210002908	190		0,8
140	8210002913	210		0,9
150	8210002918	225		1,1
160	8210002923	240	0,9	1,2
180	8210002928	270		1,6
200	8210002933	300		1,9
225	8210002942	337		2,4
250	8210002947	375		3,0
300	8210002957	450		3,2
315	8210002962	472		5,0

60° FB Pressed Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210002892	120		0,3
100	8210002897	150		0,4
120	8210002902	180		0,6
125	8210002907	190		0,6
140	8210002912	210		0,6
150	8210002917	225		0,7
160	8210002922	240	0,9	0,8
180	8210002927	270		1,2
200	8210002932	300		1,3
225	8210002941	337		1,7
250	8210002946	375		1,9
300	8210002956	450		2,4
315	8210002961	472		2,5

45° FB Pressed Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210002891	120		0,2
100	8210002896	150		0,3
120	8210002901	180		0,4
125	8210002906	190		0,4
140	8210002911	210		0,5
150	8210002916	225		0,5
160	8210002921	240	0,9	0,6
180	8210002926	270		0,9
200	8210002931	300		1,0
225	8210002940	337		1,6
250	8210002945	375		1,6
300	8210002955	450		2,3
315	8210002960	472		2,4

30° FB Pressed Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210002890	120		0,2
100	8210002895	150		0,3
120	8210002900	180		0,3
125	8210002905	190		0,3
140	8210002910	210		0,4
150	8210002915	225		0,5
160	8210002920	240	0,9	0,5
180	8210002925	270		0,7
200	8210002930	300	0,9	0,9
225	8210002939	337		1,3
250	8210002944	375		1,5
300	8210002954	450		2,2
315	8210002959	472		2,2

15° FB Pressed Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210002889	120		0,1
100	8210002894	150		0,2
120	8210002899	180		0,2
125	8210002904	190		0,4
140	8210002909	210		0,4
150	8210002914	225		0,4
160	8210002919	240	0,9	0,4
180	8210002924	270		0,5
200	8210002929	300	0,7	0,7
225	8210002938	337		0,9
250	8210002943	375		0,9
300	8210002953	450		1,3
315	8210002958	472		1,3



FB Segmented Bends

Duct bends allow airflow direction change in a run of duct. Bends are available in 90°, 60°, 45°, 30°, and 15° and include 2 loose flanges.



90° FB Segmented Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
350	8210002967	525		6,9
400	8210002972	600		8,5
450	8210002977	675		11,5
500	8210002982	750		14,2
550	8210002987	825		18,5
600	8210002992	900		20,5
630	8210002997	945		20,7
650	8210003002	975	0,9	20,9
700	8210003007	1050		23,3
750	8210003012	1125		23,6
800	8210003017	1200		26,5
850	8210003022	1275		28,0
900	8210003027	1350		29,7
950	8210003032	1425		31,4
1000	8210003037	1500		33,0

60° FB Segmented Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
350	8210002966	525		8,4
400	8210002971	600		4,5
450	8210002976	675		5,6
500	8210002981	750		7,6
550	8210002986	825		9,4
600	8210002991	900		12,2
630	8210002996	945		13,4
650	8210003001	975	0,9	13,6
700	8210003006	1050		13,8
750	8210003011	1125		15,4
800	8210003016	1200		15,7
850	8210003021	1275		17,5
900	8210003026	1350		18,5
950	8210003031	1425		19,6
1000	8210003036	1500		20,7

45° FB Segmented Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
350	8210002965	525		3,4
400	8210002970	600		4,1
450	8210002975	675		5,6
500	8210002980	750		7,0
550	8210002985	825		9,0
600	8210002990	900		9,9
630	8210002995	945		10,1
650	8210003000	975	0,9	10,3
700	8210003005	1050		11,4
750	8210003010	1125		11,7
800	8210003015	1200		13,0
850	8210003020	1275		13,8
900	8210003025	1350		14,6
950	8210003030	1425		15,8
1000	8210003035	1500		16,5

30° FB Segmented Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
350	8210002964	525		2,2
400	8210002969	600		2,7
450	8210002974	675		3,6
500	8210002979	750		4,5
550	8210002984	825		5,9
600	8210002989	900		6,4
630	8210002994	945		6,6
650	8210002999	975	0,9	6,8
700	8210003004	1050		7,4
750	8210003009	1125		7,7
800	8210003014	1200		8,5
850	8210003019	1275		9,0
900	8210003024	1350		9,5
950	8210003029	1425		10,0
1000	8210003034	1500		10,6

15° FB Segmented Bend
R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
350	8210002963	525		1,2
400	8210002968	600		1,7
450	8210002973	675		2,3
500	8210002978	750		3,3
550	8210002983	825		3,6
600	8210002988	900		3,8
630	8210002993	945		4,0
650	8210002998	975	0,9	4,2
700	8210003003	1050		4,5
750	8210003008	1125		4,8
800	8210003013	1200		5,2
850	8210003018	1275		5,5
900	8210003023	1350		5,8
950	8210003028	1425		6,1
1000	8210003033	1500		6,4



FB Branches

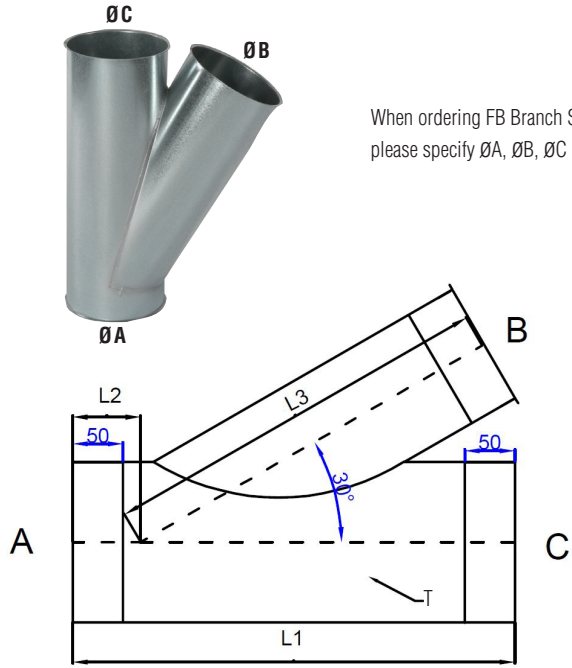
FB standard branches are used to port to machine outlets or other duct lines. Standard branches are 30°, optional 45°. Other degrees on request.



Please Note:

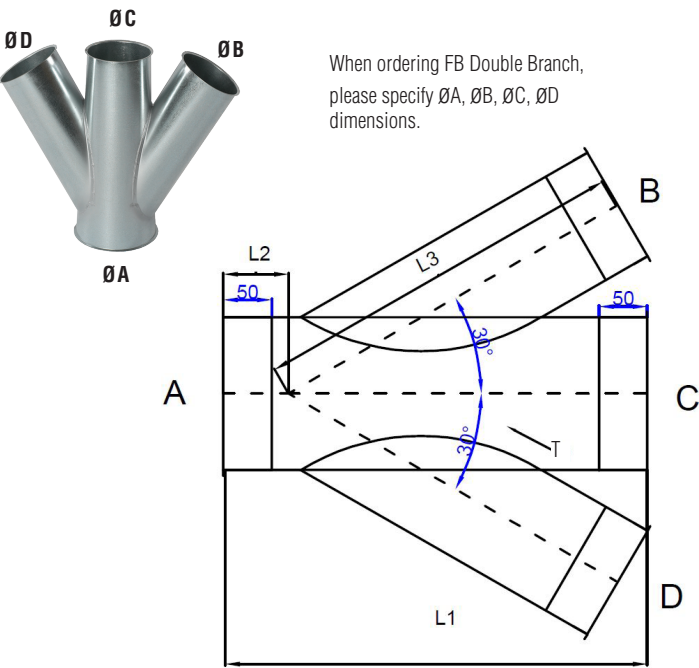
For Branches with other sizes, end dimensions or steel material than presented in our charts, order by description or visit our website (www.nordfab.com) for current item codes.

FB Branch Standard								
Ø A mm	Ø B mm	Ø C mm	Item no.	Length L1 mm	Length L2 mm	Length L3 mm	T mm	Weight kg
080	080	080	8240005669	350	102	261	0,9	0,8
100	100	100	8240005672	350	84	276	0,9	1,2
120	120	120	8240005678	350	67	291	0,9	1,5
125	125	125	8240005688	400	88	323	0,9	1,6
140	140	140	8240005703	450	100	362	0,9	1,8
150	150	150	8240005724	450	91	370	0,9	2,0
160	160	160	8240005752	450	82	377	0,9	2,2
180	180	180	8240005788	550	115	449	0,9	2,5
200	200	200	8240005833	550	98	463	0,9	3,5
225	225	225	8240005888	600	101	510	0,9	4,3
250	250	250	8240005954	750	155	613	0,9	5,0
300	300	300	8240006098	750	111	650	0,9	5,5
315	315	315	8240006189	850	148	718	0,9	5,9
350	350	350	8240006280	950	168	800	0,9	7,5
400	400	400	8240006385	1050	174	894	0,9	8,5
450	450	450	8240006476	1250	231	1045	0,9	11,0
500	500	500	8240006567	1250	188	1080	0,9	12,2



When ordering FB Branch Standard, please specify ØA, ØB, ØC dimensions.

FB Double Branch									
Ø A mm	Ø B mm	Ø C mm	Ø D mm	Item no.	Length L1 mm	Length L2 mm	Length L3 mm	T mm	
080	080	080	080	8240007529	350	102	261	0,9	
100	100	100	100	8240007532	350	84	276	0,9	
120	120	120	120	8240007538	350	67	291	0,9	
125	125	125	125	8240007548	400	88	323	0,9	
140	140	140	140	8240007563	450	100	362	0,9	
150	150	150	150	8240007584	450	91	370	0,9	
160	160	160	160	8240007612	450	82	377	0,9	
180	180	180	180	8240007648	550	115	449	0,9	
200	200	200	200	8240007693	550	98	463	0,9	
225	225	225	225	8240007748	600	101	510	0,9	
250	250	250	250	8240007814	750	155	613	0,9	
300	300	300	300	8240007958	750	111	650	0,9	
315	315	315	315	8240008049	850	148	718	0,9	
350	350	350	350	8240008140	950	168	800	0,9	
400	400	400	400	8240008245	1050	174	894	0,9	
450	450	450	450	8240008336	1250	231	1045	0,9	
500	500	500	500	8240008427	1250	188	1080	0,9	



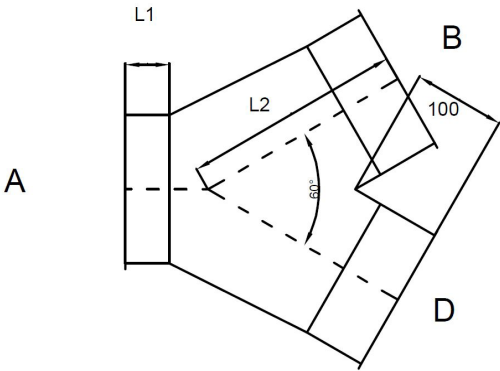
When ordering FB Double Branch, please specify ØA, ØB, ØC, ØD dimensions.

FB Y Branch (Breeches)

Ø A mm	Ø B mm	Ø D mm	Item no.	Length L1, mm	Length L2, mm	T mm	Weight kg
100	100	100	8240007280	61	171	0,9	0,6
120	120	120	8240007283	66	206	0,9	0,8
125	125	125	8240007287	67	212	0,9	0,8
140	140	140	8240007292	69	219	0,9	0,9
150	150	150	8240007298	70	230	0,9	1,0
160	160	160	8240007305	71	236	0,9	1,1
180	180	180	8240007313	74	254	0,9	1,3
200	200	200	8240007322	77	272	0,9	1,8
225	225	225	8240007332	80	295	0,9	2,2
250	250	250	8240007343	83	318	0,9	2,5
300	300	300	8240007366	90	360	0,9	2,8
315	315	315	8240007379	92	372	0,9	2,9
350	350	350	8240007392	97	402	0,9	3,8
450	450	450	8240007419	110	490	0,9	5,5
500	500	500	8240007432	117	532	0,9	6,1
550	550	550	8240007444	124	679	0,9	7,8
600	600	600	8240007457	130	720	0,9	8,5
630	630	630	8240007470	134	744	0,9	9,5
650	650	650	8240007484	137	762	0,9	12,0
700	700	700	8240007498	144	809	0,9	13,0
750	750	750	8240007513	150	850	0,9	16,0
800	800	800	8240007528	157	892	1,0	19,0



When ordering FB Y Branch, please specify ØA, ØB, ØD dimensions.

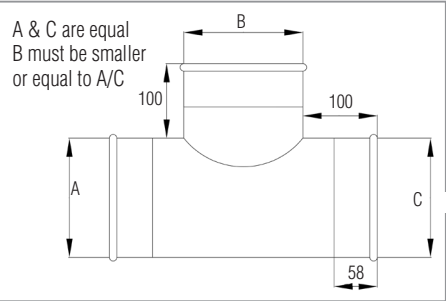


FB T-Branch

Ø A mm	Ø B mm	Item no.	T mm	Ø A mm	Ø B mm	Item no.	T mm
100	100	8240004886	0,7	315	315	8240004988	0,7
120	120	8240004889	0,7	350	350	8240005003	0,7
125	120	8240004892	0,7	400	400	8240005018	0,9
140	140	8240004898	0,7	450	450	8240005033	0,9
150	150	8240004904	0,7	500	500	8240005048	0,9
160	160	8240004911	0,7	550	500	8240005062	0,9
180	180	8240004919	0,7	600	600	8240005078	0,9
200	200	8240004928	0,7	630	630	8240005093	0,9
225	225	8240004938	0,7	650	650	8240005108	0,9
250	250	8240004949	0,7	700	700	8240005123	0,9
275	275	8240004961	0,7	750	750	8240005138	0,9
300	300	8240004974	0,7	800	800	8240005153	0,9



FB T-Branch

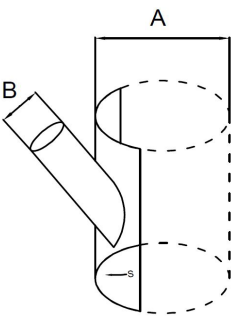


FB Cut in Branch

Ø A mm (Main)	Ø B mm	Item no.	Length L1 mm	Length L2 mm	T mm
100	100	8240005156	350	84	0,9
120	120	8240005159	350	67	0,9
125	125	8240005163	400	88	0,9
140	140	8240005168	450	100	0,9
150	150	8240005174	450	91	0,9
160	160	8240005181	450	82	0,9
180	180	8240005189	550	115	0,9
200	200	8240005198	550	98	0,9
225	225	8240005208	600	101	0,9
250	250	8240005219	750	155	0,9
300	300	8240005244	750	111	0,9
315	315	8240005258	850	148	0,9
350	350	8240005273	950	168	0,9
400	400	8240005288	1050	174	0,9
450	450	8240005303	1250	231	0,9
500	500	8240005318	1250	188	0,9



When ordering FB Cut in Branch, please specify ØA, ØB dimensions.

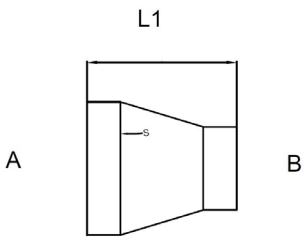


FB Reducer

ØA mm	ØB mm	Item no.	T mm
100	80	8240005424	0,7
120	100	8240005426	0,7
125	100	8240005428	0,7
140	125	8240005433	0,7
150	140	8240005438	0,7
160	125	8240005442	0,7
160	150	8240005444	0,7
180	160	8240005451	0,7
200	180	8240005459	0,7
225	200	8240005468	0,7
250	225	8240005478	0,7
275	250	8240005489	0,7
300	250	8240005500	0,7
300	275	8240005501	0,7
315	300	8240005514	0,7
350	315	8240005528	0,7
400	350	8240005542	0,7
450	400	8240005556	0,7
500	450	8240005570	0,7
550	500	8240005584	0,7
600	500	8240005597	0,7
630	600	8240005612	0,7



FB Reducer



FB Adapters

Nordfab offers various adapters for use in process ventilation / dust collection systems. Adapters allow connections to machinery as well as other types of ductwork.



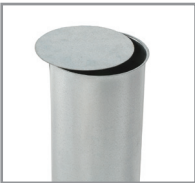
Please Note:

For products with other end dimensions than presented in our charts, order by description or visit our website (www.nordfab.com) for current item codes.

FB End Cap
Galv 0,7 - 0,9 mm

Ø mm	Item No.	T mm	Ø mm	Item No.	T mm
080	8210003407	0,7	225	8210003416	0,7
100	8210003408	0,7	250	8210003417	0,7
120	8210003409	0,7	300	8210003418	0,7
125	8210003410	0,7	315	8210003419	0,7
140	8210003411	0,7	350	8210003420	0,9
150	8210003412	0,7	400	8210003421	0,9
160	8210003413	0,7	450	8210003422	0,9
180	8210003414	0,7	500	8210003423	0,9
200	8210003415	0,7			

FB End Cap
Galv 0,7 - 0,9mm
Blanking Disc



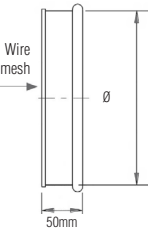
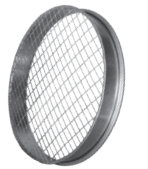
FB Cap
Galv 0,7 - 0,9 mm

Ø mm	Item No.	Ø mm	Item No.
080	8210003407	225	8210003416
100	8210003408	250	8210003417
120	8210003409	300	8210003418
125	8210003410	315	8210003419
140	8210003411	350	8210003420
150	8210003412	400	8210003421
160	8210003413	450	8210003422
180	8210003414	500	8210003423
200	8210003415		



FB Mesh End Cap
Galv 0,7 - 0,9 mm

Ø mm	Item No.	Ø mm	Item No.
080	82300216	225	82300224
100	82300217	250	82300225
125	82300218	300	82300226
140	82300219	315	82300227
150	82300220	350	82300228
160	82300221	400	82300229
180	82300222	450	82300230
200	82300223	500	82300231



FB Nipple to go Over					
Galv 0,7 -0,9 mm					
Ø mm	Item No.	T mm	Ø mm	Item No.	T mm
080	8210003802	0,7	250	8210003812	0,7
100	8210003803	0,7	300	8210003813	0,7
120	8210003804	0,7	315	8210003814	0,9
125	8210003805	0,7	350	8210003815	0,9
140	8210003806	0,7	400	8210003816	0,9
150	8210003807	0,7	450	8210003817	0,9
160	8210003808	0,7	500	8210003818	0,9
180	8210003809	0,7	550	8210003819	0,9
200	8210003810	0,7	600	8210003820	0,9
225	8210003811	0,7			



FB Nipple to go Over

FB Nipple for Hose					
Galv 0,7 -0,9 mm					
Ø mm	Item No.	T mm	Ø mm	Item No.	T mm
080	8210003822	0,7	180	8210003829	0,7
100	8210003823	0,7	200	8210003830	0,7
120	8210003824	0,7	225	8210003831	0,7
125	8210003825	0,7	250	8210003832	0,7
140	8210003826	0,7	300	8210003834	0,7
150	8210003827	0,7	315	8210003835	0,9
160	8210003828	0,7			



FB Nipple for Hose

FB Nipple to go Inside					
Galv 0,9 mm					
Ø mm	Item No.	T mm	Ø mm	Item No.	T mm
080	8210003836	0,9	250	8210003846	0,9
100	8210003837	0,9	300	8210003847	0,9
120	8210003838	0,9	315	8210003848	0,9
125	8210003839	0,9	350	8210003849	0,9
140	8210003840	0,9	400	8210003850	0,9
150	8210003841	0,9	450	8210003851	0,9
160	8210003842	0,9	500	8210003852	0,9
180	8210003843	0,9	550	8210003853	0,9
200	8210003844	0,9	600	8210003854	0,9
225	8210003845	0,9			

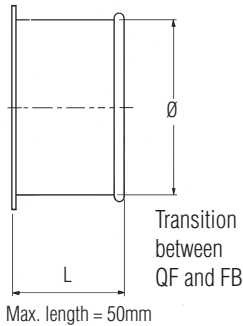


FB Nipple to go Inside

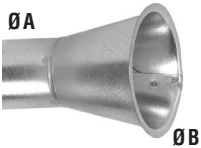
Quick-Fit Transition piece					
Galv 0,7 - 0,9 mm					
Ø mm	Item No.	T mm	Ø mm	Item No.	T mm
080	8210001820	0,7	250	8210001829	0,7
100	8210001821	0,7	300	8210001830	0,7
125	8210001822	0,7	315	8210001831	0,7
140	8210001823	0,7	350	8210001832	0,7
150	8210001824	0,7	400	8210001833	0,9
160	8210001825	0,7	450	8210001834	0,9
180	8210001826	0,7	500	8210001835	0,9
200	8210001827	0,7	630	8210001836	0,9
224	8210001828	0,7			



QF Transition piece



FB Reducer with Straight Edge for Hose			
ØA mm	Item No.	ØB mm	T mm
100	8210004955	63	0,7
100	8210004956	80	0,7
125	8210004957	80	0,7
125	8210004958	100	0,7



When ordering FB Reducer with Straight Edge for Hose, please specify ØA, ØB dimensions.

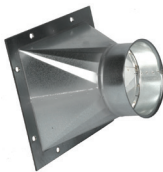
FB Duct with Access Door					
Galv 0,7 - 0,9 mm					
Ø mm	Item No.	T mm	Ø mm	Item No.	T mm
080	8210003738	0,7	250	8210003748	0,7
100	8210003739	0,7	300	8210003749	0,7
120	8210003740	0,7	315	8210003750	0,7
125	8210003741	0,7	350	8210003751	0,9
140	8210003742	0,7	400	8210003752	0,9
150	8210003743	0,7	450	8210003753	0,9
160	8210003744	0,7	500	8210003754	0,9
180	8210003745	0,7	550	8210003755	0,9
200	8210003746	0,7	600	8210003756	0,9
225	8210003747	0,7			



FB Access Door			
Mild Steel 2 mm			
Ø mm	Item No.	Ø mm	Item No.
100	8210003758	180	8210003763
120	8210003759	200	8210003764
125	8210003760	250	8210003765
150	8210003761	300	8210003766
160	8210003762	315	8210003767



FB Transition Rectangular to Round					
Galv 0,7 - 0,9 mm					
Ø mm	Item No.	Ø mm	Item No.	Ø mm	Item No.
080	Order transitions by descriptions	225	Order transitions by descriptions	600	Order transitions by descriptions
100		250		650	
120		300		700	
125		315		750	
140		350		800	
150	Order transitions by descriptions	400	Order transitions by descriptions	900	Order transitions by descriptions
160		450		1000	
180		500			
200		550			



FB Transition Rectangular to Round

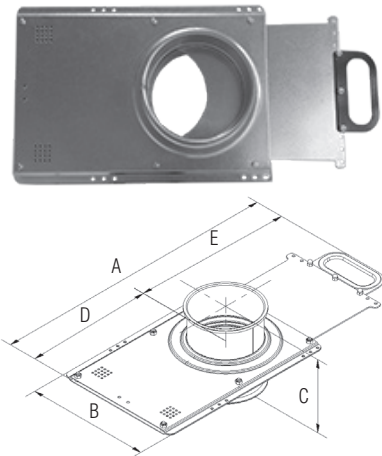
Also available in Mild Steel.
Please specify Ø, A x B and desired length when placing an order.

FB Dampers

Dampers are used in process ventilation installations for regulating both air flow and energy regulation. Another advantage is sound reduction. When the damper is closing, the process stops and the sound decreases.

SBMS Manual Damper

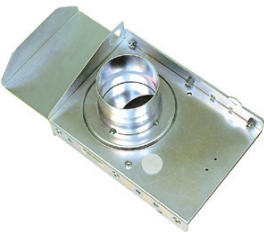
Ø mm	Item no. Galv	A mm	B mm	C mm	D mm	E mm	Weight kg
80	8210000784	397	197	133	185	254	3,0
100	8210000785	509	217	133	220	289	3,0
125	8210000786	564	242	133	248	316	3,5
140	8210000787	619	257	133	275	344	4,0
150	8210000788	629	267	133	280	349	4,0
160	8210000789	679	227	133	305	374	4,5
180	8210000790	739	297	133	335	404	5,0
200	8210000791	799	317	133	365	434	6,0
224	8210000792	883	341	133	407	476	6,5
250	8210000793	949	367	133	440	509	7,5
300	8210000794	1099	417	133	515	584	9,5
315	8210000795	1144	432	133	538	606	10,0
350	8210000796	1279	467	133	605	674	11,5
400	8210000797	1429	517	133	680	749	14,0



The SBMS type energy saving damper is a manually operated blast gate or sliding damper.

SBBA Manual Damper

Ø mm	Item no. Galv	Item no. 304SS	A mm	B mm	C mm	E mm	F mm	Weight kg
80	8210004532	8210003599	125	160	295	60	345	2,7
100	8210004533	8210003600	125	180	285	60	405	3,0
125	8210004534	8210003601	125	205	345	60	480	3,6
140	8210004535	8210003602	125	230	395	60	555	4,5
150	8210004536	8210003603	125	230	395	60	555	4,5
160	8210004537	8210003604	125	240	415	60	585	4,7
180	8210004538	8210003605	125	280	495	60	705	5,6
200	8210004539	8210003606	125	280	495	60	705	5,6
225	8210004540	8210003607	165	345	595	77	855	10,2
250	8210004541	8210003608	165	370	595	77	855	12,2
300	8210004542	8210003609	165	420	725	77	1050	18,1
315	8210004543	8210003610	165	435	725	77	1050	19,0
350	8210004544	8210003611	165	470	795	77	1155	22,5
400	8210004545	8210003612	165	520	895	77	1305	26,1



The SBBA is a circular slide damper for tight closure. In the closed position, the damper is airtight and silent. Since there is no damper blade in the air stream in the open position, the damper is suitable for use in systems for dustladen air. The damper is used for closing extraction points on machinery and in workplaces not currently in use.

SBAS Automatic Damper

Ø mm	Item no. Galv	A mm	B mm	C mm	D mm	E mm	Wt kg	No. of Cylinders	Item no. for Optional Cover Plate	Item no. for Optional Auto Kit
80	8210002032	397	197	133	185	212	4,0	1	8210001991	8210002007
100	8210002033	467	217	133	220	247	4,0	1	8210001992	8210002008
125	8210002034	522	242	133	248	251	4,5	1	8210001993	8210002009
140	8210002035	577	257	133	275	274	5,5	1	8210001994	8210002010
150	8210002036	587	267	133	280	307	6,0	1	8210001995	8210002011
160	8210002037	637	227	133	305	332	6,0	1	8210001996	8210002012
180	8210002038	697	297	133	335	362	7,0	1	8210001997	8210002013
200	8210002039	757	317	133	365	392	7,0	1	8210001998	8210002014
224	8210002040	841	341	133	407	434	7,5	1	8210001999	8210002015
250	8210002041	907	367	133	440	467	8,0	2	8210002000	8210002016
300	8210002042	1057	417	133	515	542	12,0	2	8210002001	8210002017
315	8210002043	1102	432	133	538	564	12,5	2	8210002002	8210002018
350	8210002044	1237	467	133	605	632	14,0	2	8210002003	8210002019
400	8210002045	1387	517	133	680	707	16,5	2	8210002004	8210002020

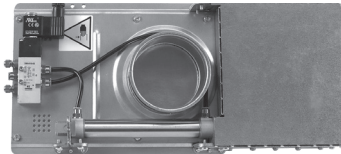
Optional accessories	Item no.
Reed Relay (Kit includes 2 relays with attachments)	8210002005
Microswitch	8210001605
Coil 230VAC G80-B-810	8210001600
Coil 230VAC Atex Zone 22	8210001601
Coil 24VAC EX II 3D	8210001602
Coil 24VAC 4W, G80-B-340	8210001603
Coil 24VDC 2.5W G80-B-330 NFES	8210000764
Coil 120VAC 7.5W	8210001604



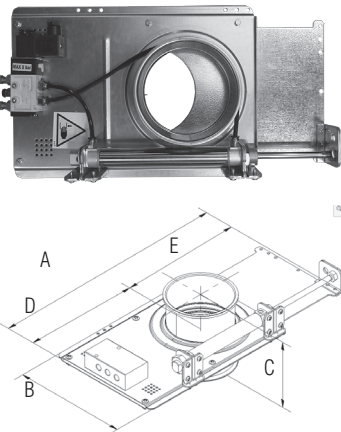
Reed Relay



Microswitch



Shield Cover Plate



The SBAS energy saving damper is an automatic blast gate driven by double acting compressed air cylinders.

- The damper should be connected to clean and dry compressed air
- Working pressure 6 – 8 bar
- Maximum temperature 75°C
- Voltage: 230V AC (Coils for 24-48-110 V AC & DC optional)

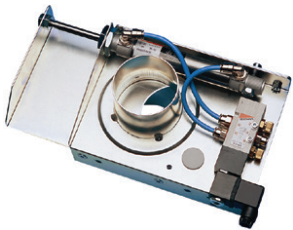


Shield Coupling for SBBB Automatic Damper

Ø mm	Item no. Galv	Ø mm	Item no. Galv	Ø mm	Item no. Galv	Ø mm	Item no. Galv
80	8210005151	140	8210005155	200	8210005159	315	8210005163
100	8210005152	150	8210005156	225	8210005160	350	8210005164
120	8210005153	160	8210005157	250	8210005161	400	8210005165
125	8210005154	180	8210005158	300	8210005162		

SBBB Automatic Damper

Ø mm	Item no. Galv	A mm	B mm	C mm	E mm	F mm	Weight kg
80	8210004560	125	160	225	55	250	3,0
100	8210004561	125	180	265	55	290	3,3
120	8210004562	125	205	315	55	340	4,0
125	8210004563	125	205	315	55	340	4,0
140	8210004564	125	230	365	55	390	5,0
150	8210004565	125	230	365	55	390	5,0
160	8210004566	125	240	385	55	410	5,2
180	8210004567	125	280	465	55	490	6,2
200	8210004568	125	280	465	55	490	6,2
225	8210004569	165	345	565	77	585	11,3
250	8210004570	165	370	565	77	585	13,5
300	8210004571	165	420	695	77	730	20,1
315	8210004923	165	435	695	77	730	21,1
350	8210004572	165	470	765	77	800	25,0
400	8210004573	165	520	865	77	905	29,0



- The damper should be connected to clean and dry compressed air
- Working pressure 5 to 8 bar
- Maximum temperature 80° C
- Voltage: 230 V AC (Coils for 24-110 V AC & DC optional, see website for item numbers)
- ATEX coil and solenoid optional

The SBBB is a circular compressed air powered automatic slide damper for rapid and tight closure. Since the damper is opened and closed automatically, extraction is always focused on the connections, extraction points, or machines currently in operation. This maximises extraction power, with lower energy consumption as a bonus.

Manual & Automatic Diverter Valves

Designed for quick changes between two streams and ideal for conveying dust particulate, our diverters meet EU's machinery directive (98/37/EC) and as standard are manufactured in 2 and 3 mm painted mild steel.

Operation

- The damper should be connected to clean and dry compressed air
- Normal working pressure: 0.6 MPa (6 bar)
- Maximum pressure: 1.0 MPa (10 bar)
- Temp. range: 80° C (dry air 20° C)

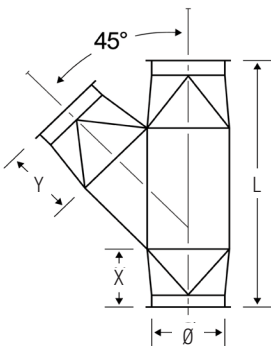
Finish

- RAL5010 blue



RGSM Manual Diverter / RGBM Automatic Diverter

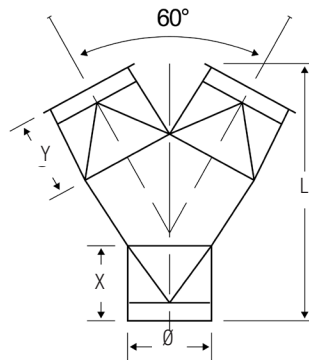
Ø mm	RGSM Item No.	RGBM Item No.	L mm	X mm	Y mm	Damper blade thickness	Weight RGSM	Weight RGBM
125	8210000842	8210000827	400	110	110	4	3,2	7,3
150	8210000844	8210000829	495	145	145	5	4,6	9,0
160	8210000845	8210000830	495	145	145	5	4,7	9,2
180	8210000846	8210000831	560	145	145	5	8,4	12,9
200	8210000847	8210000832	560	145	145	5	8,5	13,5
250	8210000849	8210000834	855	250	250	5	14,1	19,1
300	8210000850	8210000835	940	250	250	5	19,2	24,2
350	8210000852	8210000837	1000	250	250	6	23,9	28,9
400	8210000853	8210000838	1070	295	295	6	36,5	42,5
450	8210000854	8210000839	1125	295	295	6	40,8	46,7
500	8210000855	8210000840	1315	295	295	6	53,6	59,7



RGSM Manual Diverter / RGBM Automatic Diverter

RGSL Manual Diverter / RGBL Automatic Diverter

Ø mm	RGSL Item No.	RGBL Item No.	L mm	X mm	Y mm	Damper blade thickness	Weight RGSL	Weight RGBL
125	8210000870	8210000856	330	110	110	4	3,2	7,2
150	8210000872	8210000858	455	145	145	5	4,6	9,0
160	8210000873	8210000859	455	145	145	5	4,7	9,1
180	8210000874	8210000860	525	145	145	5	8,4	12,9
200	8210000875	8210000861	525	145	145	5	8,5	13,4
250	8210000877	8210000863	820	250	250	5	14,1	19,1
300	8210000878	8210000864	900	250	250	5	19,1	24,2
350	8210000880	8210000866	880	250	250	6	23,9	28,9
400	8210000881	8210000867	930	295	295	6	36,4	42,5
450	8210000882	8210000868	965	295	295	6	40,8	46,8
500	8210000883	8210000869	1040	295	295	6	53,6	59,7



RGSL Manual Diverter / RGBL Automatic Diverter

FB Hose & Clips

Nordfab offers flexible ducting / hose and hose clips for use in process ventilation and dust collection systems.

Hose PU4								
Inside Ø mm	Item no.	L m	Inside Ø mm	Item no.	L m	Inside Ø mm	Item no.	L m
051	40375956	5	102	40375965	10	203	40375974	5
051	40375957	10	127	40375966	5	203	40375975	10
063	40375958	5	127	40375967	10	229	40375976	5
063	40375959	10	152	40375968	5	229	40375977	10
076	40375960	5	152	40375969	10	254	40375978	5
076	40375961	10	165	40375970	5	254	40375979	10
082	40375962	5	165	40375971	10	305	40375980	5
082	40375963	10	182	40375972	5	305	40375981	10
102	40375964	5	182	40375973	10			



Polyurethane hose with embedded steel helix.
T = either 0, 4 or 0,7 mm.

Available in 5 or 10 meter lengths

Hose PU7								
Inside Ø mm	Item no.	L m	Inside Ø mm	Item no.	L m	Inside Ø mm	Item no.	L m
051	40375983	5	102	40375992	10	203	40376001	5
051	40375984	10	127	40375993	5	203	40376002	10
063	40375985	5	127	40375994	10	229	40376003	5
063	40375986	10	152	40375995	5	229	40376004	10
076	40375987	5	152	40375996	10	254	40376005	5
076	40375988	10	165	40375997	5	254	40376006	10
082	40375989	5	165	40375998	10	305	40376007	5
082	40375990	10	182	40375999	5	305	40376008	10
102	40375991	5	182	40376000	10			



Hose

Hose Clip			
Ø mm	Item no.	Ø mm	Item no.
50-65	8210002073	150-180	8210002080
58-75	8210002074	175-205	8210002081
68-85	8210002075	200-231	8210002082
77-95	8210002076	226-256	8210002083
87-112	8210002077	251-282	8210002084
104-138	8210002078	277-307	8210002085
130-165	8210002079		



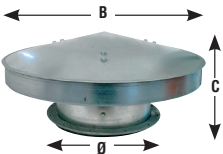
Hose Clip



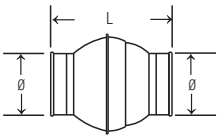
FB Accessories

Nordfab offers various accessories to accompany a FB ducting system for an enhanced performance.

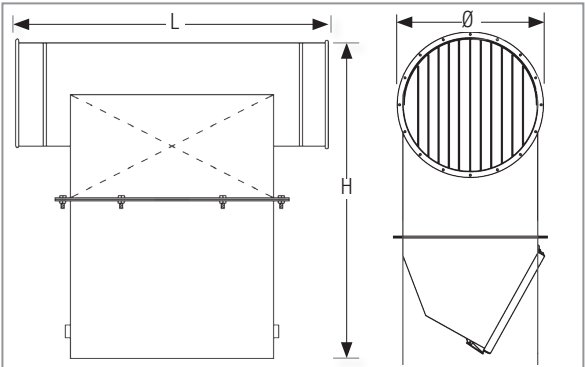
Weather Cowl Supplied in flanged design											
Ø mm	Item no.	B mm	C mm	Thickness mm	Weight kg	Ø mm	Item no.	B mm	C mm	Thickness mm	Weight kg
125	8210003635	250	150	0,90	1,50	500	8210003648	950	440	0,90	9,90
140	8210003636	350	190	0,90	1,90	550	8210003649	950	440	0,90	10,50
150	8210003637	350	190	0,90	1,95	600	8210003650	1050	480	0,90	13,90
160	8210003638	350	190	0,90	2,10	630	8210003651	1050	480	0,90	14,00
180	8210003639	400	220	0,90	2,50	650	8210003652	1050	480	0,90	14,10
200	8210003640	400	220	0,90	2,55	700	8210003653	1200	570	0,90	21,40
225	8210003641	500	240	0,90	2,60	750	8210003654	1200	570	0,90	21,70
250	8210003642	500	240	0,90	3,00	800	8210003655	1400	610	1,25	25,60
300	8210003643	650	340	0,90	5,20	850	8210003656	1400	610	1,25	25,80
315	8210003644	650	340	0,90	5,30	900	8210003657	1550	680	1,25	29,50
350	8210003645	650	340	0,90	5,90	950	8210003658	1550	680	1,25	29,80
400	8210003646	750	371	0,90	8,10	1000	8210003634	1700	720	1,25	35,90
450	8210003647	750	370	0,90	8,20						



FB Ball Joint Galv 1,0 mm				
Ø mm	Item no.	L mm	Thickness mm	Weight kg
100	8210002225	280	1,0	2,1
125	8210002226	295		3,85
150	8210002227	315		3,85
200	8210002229	360		5
250	8210002231	350		8,95
300	8210002232	420		9,25



FB Dropout Box			
Ø mm	Item no.	L	H
160	8210001924	480	495
200	8210001925	600	575
250	8210001926	750	675
315	8210001927	945	805
400	8210001928	1200	975
500	8210001929	1500	1175
550	8210001930		



The Dropout Box stops large wood chips in the airstream. Inside the duct, deflectors knock chips downward into the builtin hopper.

FB DUCTING

FB Silencer w/o Baffle
Galvanised

Ø mm	OD mm	Item No.			Ø mm	OD mm	Item No.		
		L = 2 m	L = 1 m	L = 0,5 m			L = 2 m	L = 1 m	L = 0,5 m
100	300		8210003688	8210001464	400	600	8210003705	8210003704	8210001488
120	320		8210003689	8210001466	450	650	8210003707	8210003706	8210001489
125	325		8210001468	8210003690	500	700	8210003709	8210003708	8210001490
140	340		8210001471	8210001470	550	760	8210003712	8210003711	8210003710
150	350	8210001475	8210001474	8210001473	600	800	8210003714	8210003713	8210001491
160	360	8210001476	8210003692	8210003691	630	830	8210003716	8210003715	8210001492
180	380	8210001479	8210001478	8210001477	650	850	8210003718	8210003717	8210001493
200	400	8210001480	8210003694	8210003693	700	900	8210001496	8210001495	8210001494
225	425	8210001482	8210003695	8210001481	800	1000	8210001499	8210001498	8210001497
250	450	8210003697	8210003696	8210001483	850	1050	8210001501	8210003719	8210001500
300	500	8210003699	8210003698	8210001485	900	1100	8210001504	8210001503	8210001502
315	515	8210003701	8210003700	8210001486	1000	1200	8210001507	8210001506	8210001505
350	550	8210003703	8210003702	8210001487					



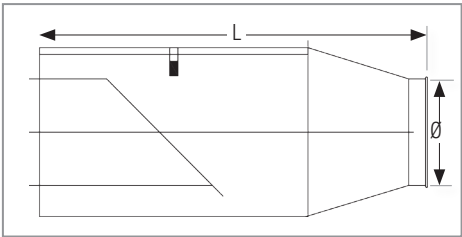
FB Silencer w/ Baffle
Galvanised

Ø mm	OD mm	Item No.		
		L = 2 m	L = 1 m	L = 0,5 m
300	500	8210003660	8210003659	8210001424
315	515	8210003662	8210003661	8210001425
350	550	8210003664	8210003663	8210001426
400	600	8210003666	8210003665	8210001427
450	650	8210003668	8210003667	8210001428
500	700	8210003670	8210003669	8210001429
550	750	8210003672	8210003671	8210001430
600	800	8210003674	8210003673	8210001431
630	830	8210003676	8210003675	8210001432
650	850	8210003678	8210003677	8210001433
700	900	8210001436	8210001435	8210001434
800	1000	8210001439	8210001438	8210001437
900	1100	8210001442	8210001441	8210001440
1000	1200	8210001445	8210001444	8210001443



Inline Back Draft Damper

Ø mm	Item no.	H mm	L mm	Weight kg
160	Contact Nordfab for item numbers	250	550	4,0
200		300	600	6,0
250		375	706	11,0
315		440	771	16,5
350		475	806	22,5
400		525	856	31,0
450		575	906	37,5
500		625	956	38,0
560		685	1116	44,5



Suction Hood
FB (Mild Steel also available)

Ø mm	2 - 4	5 - 9
80-500	x	x



Please remember:

- Specify measurements 1, 2, 3, etc.
- Indicate whether spigots are hose or duct connection.
- Also available in rectangular design.

For suction hoods with other end dimensions, order by description or visit our website for current item codes.

FB Floor Sweep

Ø mm	Item No.
100	8210001098
125	8210001099
140	8210001100
160	8210001102
180	8210001103



Please note:

This product is no longer available in the UK due to HSE best practice guidelines.

Jet Cowl

Ø mm	Item no. FB Galv	W	L mm	T mm FB	Weight kg	Ø mm	Item no. FB Galv	W	L mm	T mm FB	Weight kg
100	8210001866	160	300	0,7	1,3	315	8210001874	506	720	0,7	9,0
125	8210001867	200	350	0,7	1,8	350	8210001875	564	800	0,9	11,0
140	8210001868	226	380	0,7	2,2	400	8210001876	644	900	0,9	14,0
150	8210001869	242	400	0,7	2,4	450	8210001877	724	1000	0,9	17,4
160	8210001870	256	420	0,7	2,7	500	8210001878	804	1100	0,9	21,1
180	8210001871	290	460	0,7	3,3	560	8210001879	902	1220	0,9	26,0
200	8210001872	322	500	0,7	3,9	630	8210001880	1014	1360	0,9	40,0
250	8210001873	401	600	0,7	6,1	710	8210001881	1144	1520	0,9	49,0



Jet Cowl

Flanged Duct

Flanged ductwork is normally used for larger diameters, above Ø 300. Nordfab offers two type of flanges, FLI and FLN (FLN available in UK only).



Flanged Duct FLI / FLN Galvanised (welded)										
T = 0,7 - 0,9 mm										
Ø mm	T mm	Item no. Galv L = 2000 mm (FLI)	Weight kg	Item no. Galv L = 1500 mm (FLI)	Item no. Galv L = 1500 mm UK only (FLN)	Weight kg	Item no. Galv L = 1000 mm (FLI)	Weight kg	Item no. Galv L = 500 mm (FLI)	Weight kg
080	0,7	8240020457	3,3	8240020456		3,2	8240020455	1,9	8240020454	1,2
100	0,7	8240020461	4,0	8240020460	8210000976	3,9	8240020459	2,3	8240020458	1,5
120	0,7	8240020465	4,9	8240020464		4,5	8240020463	2,8	8240020462	1,8
125	0,7	8240020469	5,1	8240020468	8210000977	4,7	8240020467	2,9	8240020466	1,8
140	0,7	8240020473	5,7	8240020472	8210000978	5,3	8240020471	3,2	8240020470	2,0
150	0,7	8240020477	6,3	8240020476		5,9	8240020475	3,7	8240020474	2,4
160	0,7	8240020481	6,7	8240020480	8210000979	6,7	8240020479	3,9	8240020478	2,5
180	0,7	8240020485	7,5	8240020484	8210000980	8,3	8240020483	4,4	8240020482	2,8
200	0,7	8240020489	8,3	8240020488	8210000981	9,4	8240020487	4,9	8240020486	3,1
225	0,7	8240020493	9,3	8240020492		10,5	8240020491	5,4	8240020490	3,4
250	0,7	8240020497	10,3	8240020496	8210000982	11,6	8240020495	6,0	8240020494	3,9
300	0,7	8240020501	12,4	8240020500		13,4	8240020499	7,2	8240020498	4,6
315	0,7	8240020505	13,4	8240020504	8210000983	13,9	8240020503	8,0	8240020502	5,2
350	0,7	8240020509	15,8	8240020508	8210000984	15,1	8240020507	9,8	8240020506	6,7
400	0,9	8240020513	22,0	8240020512	8210000985	19,7	8240020511	13,1	8240020510	8,6
450	0,9	8240020516	24,6		8210000986		8240020515	14,6	8240020514	9,6
500	0,9	8240020519	27,3		8210000987		8240020518	16,2	8240020517	10,7
550	0,9	8240020522	30,0				8240020521	17,8	8240020520	11,7
560	0,9	8240020525	30,6		8210000988		8240020524	18,1	8240020523	11,9
600	0,9	8240020528	32,7				8240020527	19,4	8240020526	12,7
630	0,9	8240020531	34,3		8210000989		8240020530	20,4	8240020529	13,4
650	0,9	8240020534	35,4				8240020533	21,0	8240020532	13,8
700	0,9	8240020537	38,1				8240020536	22,6	8240020535	14,8
710	0,9	8240020540	41,7		8210000990		8240020539	25,9	8240020538	18,1
750	0,9	8240020543	43,4				8240020542	26,8	8240020541	18,5
800	0,9	8240020546	46,3		8210000991		8240020545	28,6	8240020544	19,7
850	0,9	8240020549	49,2				8240020548	30,3	8240020547	20,9
900	0,9	8240020552	52,0		8210000992		8240020551	32,1	8240020550	22,1
950	0,9	8240020555	54,9				8240020554	33,8	8240020553	23,3
1000	0,9	8240020558	57,7		8210000993		8240020557	35,6	8240020556	24,5

Flanged Duct FLI Galvanised (welded)

T = 1,25 mm

Ø mm	T mm	Item no. Galv L = 2000 mm	Weight kg	Ø mm	T mm	Item no. Galv L = 2000 mm	Weight kg	Ø mm	T mm	Item no. Galv L = 2000 mm	Weight kg
100	1,25	8240020559	6,8	300	1,25	8240020569	20,5	650	1,25	8240020579	46,6
120	1,25	8240020560	8,1	315	1,25	8240020570	21,9	700	1,25	8240020580	50,2
125	1,25	8240020561	8,5	350	1,25	8240020571	25,2	710	1,25	8240020581	53,9
140	1,25	8240020562	9,4	400	1,25	8240020572	28,8	750	1,25	8240020582	56,4
150	1,25	8240020563	10,3	450	1,25	8240020573	32,4	800	1,25	8240020583	60,1
160	1,25	8240020564	11,0	500	1,25	8240020574	35,9	850	1,25	8240020584	63,8
180	1,25	8240020565	12,4	550	1,25	8240020575	39,5	900	1,25	8240020585	67,6
200	1,25	8240020566	13,7	560	1,25	8240020576	40,2	950	1,25	8240020586	71,3
225	1,25	8240020567	15,4	600	1,25	8240020577	43,1	1000	1,25	8240020587	75,0
250	1,25	8240020568	17,1	630	1,25	8240020578	45,2				

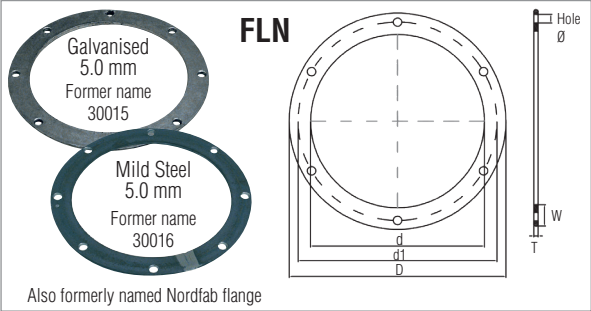
Flanged Duct FLI Stainless Steel (welded)

T = 2,0 mm

Ø mm	T mm	Item no. SS L = 2000 mm	Weight kg	Item no. SS L = 1000 mm	Weight kg	Item no. SS L = 500 mm	Weight kg
160	2,0	8240020844	16,9	8240020843	9,0	8240020842	5,1
180	2,0	8240020847	19,0	8240020846	10,2	8240020845	5,7
200	2,0	8240020850	21,1	8240020849	11,3	8240020848	6,3
225	2,0	8240020853	23,7	8240020852	12,6	8240020851	7,0
250	2,0	8240020856	26,4	8240020855	14,0	8240020854	7,9
300	2,0	8240020859	31,6	8240020858	16,8	8240020857	9,4
315	2,0	8240020862	33,6	8240020861	18,0	8240020860	10,3
350	2,0	8240020865	38,2	8240020864	20,9	8240020863	12,3
400	2,0	8240020868	43,6	8240020867	23,9	8240020866	14,1
450	2,0	8240020871	49,0	8240020870	26,8	8240020869	15,7
500	2,0	8240020874	54,4	8240020873	29,8	8240020872	17,4
550	2,0	8240020877	59,8	8240020876	32,7	8240020875	19,2
600	2,0	8240020880	65,2	8240020879	35,7	8240020878	20,9
630	2,0	8240020883	68,5	8240020882	37,4	8240020881	21,9
650	2,0	8240020886	70,6	8240020885	38,6	8240020884	22,6
700	2,0	8240020889	76,1	8240020888	41,6	8240020887	24,3
750	2,0	8240020892	84,1	8240020891	47,2	8240020890	28,7
800	2,0	8240020895	89,7	8240020894	50,3	8240020893	30,5
850	2,0	8240020898	95,3	8240020897	53,4	8240020896	32,4
900	2,0	8240020901	100,8	8240020900	56,5	8240020899	34,3
950	2,0	8240020904	106,4	8240020903	59,6	8240020902	36,2
1000	2,0	8240020907	112,0	8240020906	62,7	8240020905	38,0

FLN Flange Dimensions in mm

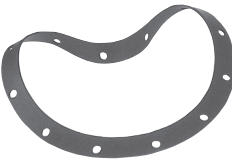
Ø mm	Item no. Galv	Item no. MS	d	d1	D	T	W	Hole Ø	No. holes	Weight kg	Ø mm	Item no. Galv	Item no. MS	d	d1	D	T	W	Hole Ø	No. holes	Weight kg
80	8210001064	—	81	107	121		20		4	0,26	450	8210001080	8210002058	454	488	514		30		12	1,81
100	8210001065	8210002047	101	127	143		20		4	0,30	500	8210001081	8210002059	504	538	564		30		12	2,00
125	8210001066	8210002048	126	157	178		25		4	0,47	550	8210001082	8210002060	554	588	614		30		12	2,10
140	8210001067	8210002049	141	172	193		25		6	0,52	560	8210001083	8210002061	565	600	625		30		12	2,22
150	8210001068	—	151	182	203		25		6	0,54	600	8210001084	8210002062	604	640	664		30		16	3,04
160	8210001069	8210002050	161	192	213		25		6	0,58	630	8210001085	8210002063	635	670	695		30		16	3,19
180	8210001070	8210002051	181	212	233		25		6	0,64	650	8210001086	—	654	688	714	5	30	10	16	3,28
200	8210001071	8210002052	203	232	253	5	25	10	6	0,71	700	8210001087	8210002064	704	738	764		30		16	3,53
225	8210001072	8210002053	227	257	279		25		6	0,75	710	8210001088	8210002065	715	750	775		30		16	3,62
250	8210001073	8210002054	253	289	313		30		6	1,06	750	8210001089	—	754	788	814		30		16	4,02
300	8210001075	—	303	339	363		30		6	1,25	800	8210001090	8210002066	804	848	884		40		16	4,22
315	8210001076	8210002055	317	349	377		30		8	1,30	900	8210001091	8210002067	904	948	984		40		16	4,72
350	8210001077	8210002056	353	387	413		30		8	1,43	1000	8210001092	8210002068	1004	1048	1084		40		16	6,20
400	8210001079	8210002057	404	438	464		30		12	1,62											



FLN Flange

Flanged Gasket FSAZ

Ø mm	Item No.	Ø mm	Item No.	Ø mm	Item No.
080	8210003102	250	8210003112	630	8210003122
100	8210003103	275	8210003113	650	8210003123
120	8210003104	300	8210003114	700	8210003124
125	8210003105	315	8210003115	750	8210003125
140	8210003106	350	8210003116	800	8210003126
150	8210003107	400	8210003117	850	8210003127
160	8210003108	450	8210003118	900	8210003128
180	8210003109	500	8210003119	950	8210003129
200	8210003110	550	8210003120	1000	8210003130
225	8210003111	600	8210003121	1250	8210003131



Flange Gasket FSAZ
T = 3 mm, Nitrile.
Also available in other qualities.
Compatible with FSAA, FSSA, FSSS.

Technical Data: Nitrile

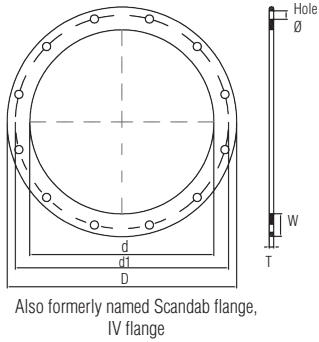
- General purpose oil resistant polymer
- Performs well with many oil, water and hydraulic fluid applications
- Good tear resistance
- Should not be used with solvents such as acetone, MEK, ozone, chlorinated hydrocarbons, and nitro hydrocarbons
- Conducts electricity
- Classification:1. ASTM D-2000 M2BG510 A24 B34 E014 E034 EF11 EF21
- Temperature range: -34° C to +107° C / intermittent: +138° C

FLI Flange Dimensions in mm

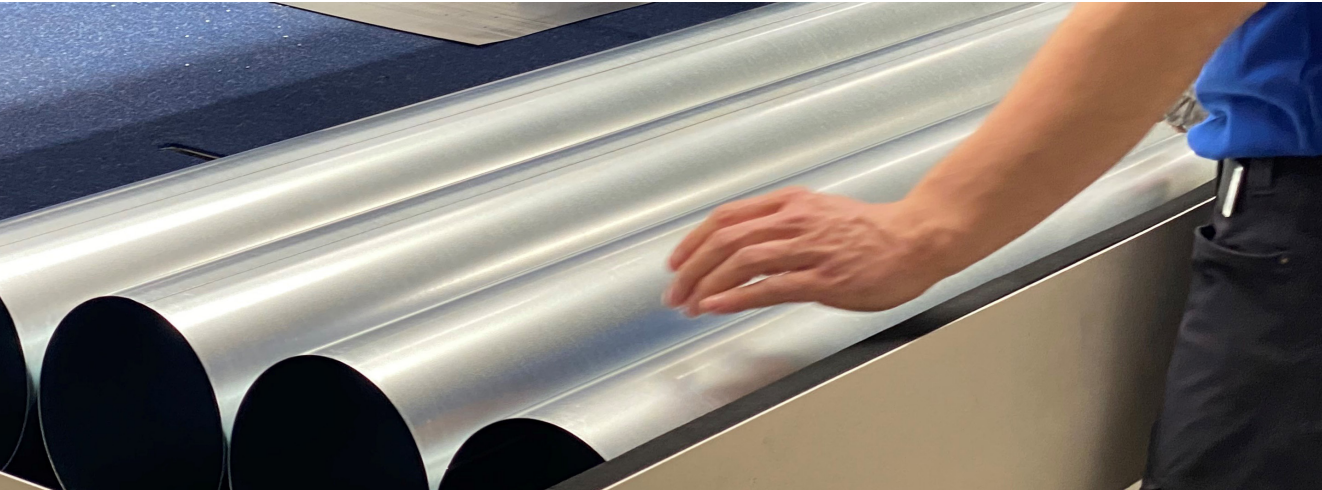
Ø mm	Item No. Galv	Item No. MS	Item No. 304SS	d	d1	D	T	W	Hole Ø	No. holes	Weight kg
080	8210003257	8210003190	8210003226	83	115	133	3	25	9	8	0,26
100	8210003258	8210003191	8210003227	103	135	153	3	25	9	8	0,31
120	8210003259	8210003192	8210003228	123	155	173	3	25	9	8	0,36
125	8210003260	8210003193	8210003229	128	160	18	3	25	9	8	0,38
140	8210003261	8210003194	8210003230	143	175	193	3	25	9	8	0,41
150	8210003262	8210003195	8210003231	153	185	203	5	25	9	8	0,54
160	8210003263	8210003196	8210003232	163	195	213	5	25	9	8	0,58
180	8210003264	8210003197	8210003233	183	215	233	5	25	9	8	0,64
200	8210003265	8210003198	8210003234	203	235	253	5	25	9	12	0,70
225	8210003266	8210003199	8210003235	228	260	278	5	25	9	12	0,75
250	8210003267	8210003200	8210003236	253	285	303	5	25	9	12	0,86
300	8210003269	8210003201	8210003237	304	336	354	5	25	9	12	1,00
315	8210003270	8210003202	8210003238	319	351	369	5	25	9	12	1,26
350	8210003271	8210003203	8210003239	354	389	414	6	30	11	12	1,84
400	8210003273	8210003204	8210003240	404	439	464	6	30	11	16	2,10
450	8210003274	8210003205	8210003241	454	489	515	6	30	11	16	2,32
500	8210003275	8210003206	8210003242	505	540	565	6	30	11	16	2,56
550	8210003276	8210003207	8210003243	555	590	615	6	30	11	16	2,81
600	8210003277	8210003209	8210003244	605	640	665	6	30	11	16	3,04
630	8210003278	8210003210	8210003245	635	670	695	6	30	11	24	3,19
650	8210003279	8210003211	8210003246	655	690	715	6	30	11	24	3,28
700	8210003280	8210003212	8210003247	705	740	765	6	40	11	24	3,53
710	8210003281	8210003213	—	715	750	795	6	40	11	24	3,90
750	8210003282	8210003214	8210003248	755	800	835	6	40	11	24	5,09
800	8210003283	8210003215	8210003249	805	850	885	6	40	11	24	5,41
850	8210003284	8210003216	8210003250	855	900	935	6	40	11	24	5,73
900	8210003285	8210003217	8210003251	905	950	985	6	40	11	24	6,05
950	8210003286	8210003218	8210003252	955	1000	1035	6	40	11	24	6,37
1000	8210003287	8210003219	8210003253	1005	1050	1085	6	40	11	24	6,69
1250	8210003288	8210003220	8210003254	1255	1300	1335	6	40	11	28	6,85

Please specify Flange material:

- Galv
- MS Mild Steel
- 304SS



FLI Flange



FLI Pressed Bends

Duct bends allow airflow direction change in a run of duct. Bends are available in 90°, 60°, 45°, 30°, and 15° and include loose flanges. Smaller diameter pressed bends available upon request.



90° FLI Pressed Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

080	8210002500	120		0,4
100	8210002505	150		0,5
120	8210002510	180		0,7
125	8210002515	190		0,8
140	8210002520	210		0,9
150	8210002525	225		1,1
160	8210002530	240	0,9	1,2
180	8210002535	270		1,6
200	8210002540	300		1,9
225	8210002545	337		2,4
250	8210002550	375		3,0
300	8210002555	450		3,2
315	8210002560	472		5,0

60° FLI Pressed Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

080	8210002499	120		0,3
100	8210002504	150		0,4
120	8210002509	180		0,5
125	8210002514	190		0,6
140	8210002519	210		0,6
150	8210002524	225		0,7
160	8210002529	240	0,9	0,8
180	8210002534	270		1,2
200	8210002539	300		1,3
225	8210002544	337		1,7
250	8210002549	375		1,9
300	8210002554	450		2,4
315	8210002559	472		2,5

45° FLI Pressed Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

080	8210002498	120		0,2
100	8210002503	150		0,3
120	8210002508	180		0,3
125	8210002513	190		0,4
140	8210002518	210		0,4
150	8210002523	225		0,5
160	8210002528	240	0,9	0,6
180	8210002533	270		0,9
200	8210002538	300		1,0
225	8210002543	337		1,6
250	8210002548	375		1,6
300	8210002553	450		2,3
315	8210002558	472		2,4

30° FLI Pressed Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

080	8210002497	120		0,2
100	8210002502	150		0,3
120	8210002507	180		0,3
125	8210002512	190		0,3
140	8210002517	210		0,4
150	8210002522	225		0,5
160	8210002527	240	0,9	0,5
180	8210002532	270		0,7
200	8210002537	300		0,9
225	8210002542	337		1,3
250	8210002547	375		1,5
300	8210002552	450		2,2
315	8210002557	472		2,2

15° FLI Pressed Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

080	8210000174	120		0,1
100	8210002501	150		0,2
120	8210002506	180		0,2
125	8210002511	190		0,4
140	8210002516	210		0,4
150	8210002521	225		0,4
160	8210002526	240	0,9	0,4
180	8210002531	270		0,5
200	8210002536	300		0,7
225	8210002541	337		0,9
250	8210002546	375		0,9
300	8210002551	450		1,3
315	8210002556	472		1,3



FLI Segmented Bends

Duct bends allow airflow direction change in a run of duct. Bends are available in 90°, 60°, 45°, 30°, and 15° and include 2 loose flanges. Not available in UK & Ireland.



90° FLI Segmented Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

350	8210002565	525		9,5
400	8210002570	600		10,5
450	8210002575	675		15,9
500	8210002580	750		18,8
550	8210002585	840		24,1
600	8210002590	900		29,0
630	8210002595	945		29,6
650	8210002600	975	0,9	30,4
700	8210002605	1050		37,1
710	8210002610	1065		39,7
750	8210002615	1125		39,8
800	8210002620	1200		48,0
850	8210002625	1275		51,1
900	8210002630	1350		59,6
950	8210002635	1425		63,3
1000	8210002640	1500		75,3

60° FLI Segmented Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

350	8210002564	525		7,6
400	8210002569	600		10,3
450	8210002574	675		12,4
500	8210002579	750		14,6
550	8210002584	840		18,9
600	8210002589	900		20,5
630	8210002594	945		22,5
650	8210002599	975	0,9	23,2
700	8210002604	1050		28,1
710	8210002609	1065		30,1
750	8210002614	1125		32,1
800	8210002619	1200		36,6
850	8210002624	1275		39,0
900	8210002629	1350		44,4
950	8210002634	1425		46,9
1000	8210002639	1500		56,2

45° FLI Segmented Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

350	8210002563	525		6,7
400	8210002568	600		8,8
450	8210002573	675		10,5
500	8210002578	750		12,4
550	8210002583	840		13,3
600	8210002588	900		18,0
630	8210002593	945		18,4
650	8210002598	975	0,9	19,0
700	8210002603	1050		23,1
710	8210002608	1065		24,7
750	8210002613	1125		24,7
800	8210002618	1200		30,2
850	8210002623	1275		32,2
900	8210002628	1350		38,1
950	8210002633	1425		40,3
1000	8210002638	1500		48,8

30° FLI Segmented Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

350	8210002562	525		5,7
400	8210002567	600		7,3
450	8210002572	675		8,7
500	8210002577	750		10,1
550	8210002582	840		11,0
600	8210002587	900		13,9
630	8210002592	945		14,4
650	8210002597	975	0,9	14,8
700	8210002602	1050		17,7
710	8210002607	1065		19,0
750	8210002612	1125		19,0
800	8210002617	1200		23,5
850	8210002622	1275		26,2
900	8210002627	1350		28,0
950	8210002632	1425		29,6
1000	8210002637	1500		32,2

15° FLI Segmented Bend				
R = 1,5 x diameter to centreline				
Ø mm	Item no. Galv	R mm	T mm	Weight kg

350	8210002561	525		4,7
400	8210002566	600		5,8
450	8210002571	675		6,7
500	8210002576	750		8,2
550	8210002581	840		8,6
600	8210002586	900		11,4
630	8210002591	945		13,0
650	8210002596	975	0,9	13,4
700	8210002601	1050		14,6
710	8210002606	1065		15,6
750	8210002611	1125		15,6
800	8210002616	1200		16,7
850	8210002621	1275		17,8
900	8210002626	1350		17,9
950	8210002631	1425		18,9
1000	8210002636	1500		19,3



FLN Segmented Bends

Duct bends allow airflow direction change in a run of duct. Bends are available in 90°, 60°, 45°, 30°, and 15° and include 2 loose flanges.



90° FLN Segmented Bend

R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
200	8210000516	300	0,7	3,9
224	8210000521	336	0,7	4,6
250	8210000526	375	0,7	5,9
300	8210000531	450	0,7	6,6
315	8210000536	473	0,7	8,5
350	8210000541	525	0,9	9,5
400	8210000546	600	0,9	10,5
450	8210000551	675	0,9	15,9
500	8210000556	750	0,9	18,8
560	8210000561	840	0,9	24,5
630	8210000566	945	0,9	29,6
710	8210000571	1065	0,9	39,7
800	8210000576	1200	0,9	48,0
900	8210000581	1350	0,9	59,6
1000	8210000586	1500	0,9	75,3

60° FLN Segmented Bend

R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
200	8210000515	300	0,7	3,0
224	8210000520	336	0,7	4,6
250	8210000525	375	0,7	5,9
300	8210000530	450	0,7	6,6
315	8210000535	473	0,7	8,5
350	8210000540	525	0,9	7,6
400	8210000545	600	0,9	10,3
450	8210000550	675	0,9	12,4
500	8210000555	750	0,9	14,6
560	8210000560	840	0,9	18,0
630	8210000565	945	0,9	22,5
710	8210000570	1065	0,9	30,1
800	8210000575	1200	0,9	36,6
900	8210000580	1350	0,9	44,4
1000	8210000585	1500	0,9	56,2

45° FLN Segmented Bend

R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
200	8210000514	300	0,7	2,6
224	8210000519	336	0,7	3,0
250	8210000524	375	0,7	4,0
300	8210000529	450	0,7	4,5
315	8210000534	473	0,7	4,5
350	8210000539	525	0,9	6,7
400	8210000544	600	0,9	8,8
450	8210000549	675	0,9	10,5
500	8210000554	750	0,9	12,4
560	8210000559	840	0,9	14,6
630	8210000564	945	0,9	18,4
710	8210000569	1065	0,9	24,7
800	8210000574	1200	0,9	30,2
900	8210000579	1350	0,9	38,1
1000	8210000584	1500	0,9	48,8

30° FLN Segmented Bend

R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
200	8210000513	300	0,7	2,2
224	8210000518	336	0,7	2,5
250	8210000523	375	0,7	3,4
300	8210000528	450	0,7	3,9
315	8210000533	473	0,7	4,6
350	8210000538	525	0,9	5,7
400	8210000543	600	0,9	7,3
450	8210000548	675	0,9	8,7
500	8210000553	750	0,9	10,1
560	8210000558	840	0,9	11,3
630	8210000563	945	0,9	14,4
710	8210000568	1065	0,9	19,0
800	8210000573	1200	0,9	23,5
900	8210000578	1350	0,9	28,0
1000	8210000583	1500	0,9	32,2

15° FLN Segmented Bend

R = 1,5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
200	8210000512	300	0,7	2,1
224	8210000517	336	0,7	2,4
250	8210000522	375	0,7	3,0
300	8210000527	450	0,7	3,8
315	8210000532	473	0,7	3,9
350	8210000537	525	0,9	4,7
400	8210000542	600	0,9	5,8
450	8210000547	675	0,9	6,7
500	8210000552	750	0,9	8,2
560	8210000557	840	0,9	10,9
630	8210000562	945	0,9	13,0
710	8210000567	1065	0,9	15,6
800	8210000572	1200	0,9	16,7
900	8210000577	1350	0,9	17,9
1000	8210000582	1500	0,9	19,3

Please Note:

- FLN Segmented Bends sold in UK & Ireland only.
- Special radius bends available upon request, please contact us for more information.

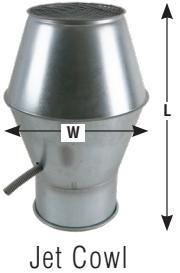
Flanged Accessories

Nordfab offers various accessories to accompany a FB ducting system for an enhanced performance.

Please Note:

For products with other end dimensions than presented in our charts, order by description or visit our website (www.nordfab.com) for current item codes.

Jet Cowl											
Ø mm	Item no. FLN Galv	W	L mm	T mm FLN	Weight kg	Ø mm	Item no. FLN Galv	W	L mm	T mm FLN	Weight kg
080	8210001399					350	8210001971	564	800	0,9	11,0
100	8210001400	160	300	0,9	1,3	400	8210001972	644	900	0,9	14,0
125	8210001401	200	350	0,9	1,8	450	8210001973	724	1000	0,9	17,4
140	8210001402	226	380	0,9	2,2	500	8210001974	804	1100	0,9	21,1
150	8210001403	242	400	0,9	2,4	560	8210001975	902	1220	0,9	26,0
160	8210001404	256	420	0,9	2,7	630	8210001976	1014	1360	0,9	40,0
180	8210001967	290	460	0,7	3,3	710	8210001977	1144	1520	0,9	49,0
200	8210001968	322	500	0,7	3,9	800	8210001978				
250	8210001969	401	600	0,7	6,1	900	8210001979				
315	8210001970	506	720	0,7	9,0	1000	8210001980				



FLANGED DUCTING



Inline Spark Trap: Complementary Fire Prevention for your Dust Collection System

Simple, Economical Fire Protection

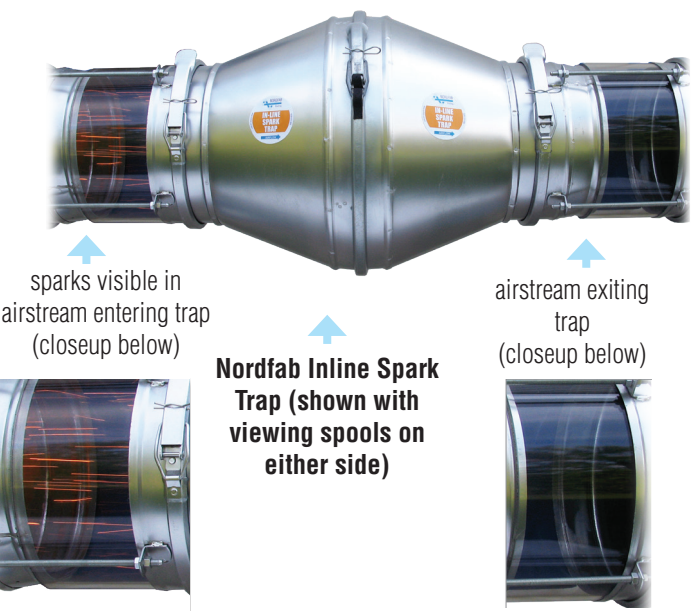
Installed in ducting as part of a dust collection system, the Nordfab Inline Spark Trap greatly reduces the possibility of fire in cyclones / collectors by decreasing the number of sparks which could reach the cyclone or collector through the ductwork.

The spark trap's effectiveness is based on a simple principle—disrupting the laminar airflow to cause sparks to cool and extinguish before they can enter a cyclone/ collector. There are no moving parts and no power is required for operation.

Quick, Easy Installation and Cleanout

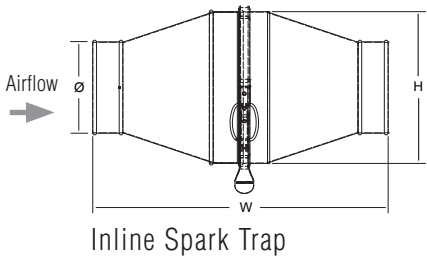
Quick-Fit clip-together ducting eliminates rivets, screws and welding, significantly reducing the time required to install or replace ducting. The Nordfab Inline Spark Trap can quickly and easily be mounted into a FB ducting systems with use of a Nordfab adapter, and the trap can easily be removed for cleanout. Calibration or other assistance from a factory technician is not required.

Inline Spark Trap								
Ø mm	Item no. Galv	Item no. 304SS	Pressure loss in Pa at 15 m / s.	Height mm	Width mm	T mm Galv	T mm SS	Weight kg
100	8210001264	8210001252	212	180	466	0,7	0,7	2,8
125	8210001265	8210001253	212	224	504	0,7	0,7	3,2
160	8210001266	8210001254	224	280	546	0,7	0,7	3,7
200	8210001267	8210001255	274	350	606	0,7	0,7	5,0
250	8210001268	8210001256	299	400	606	0,7	0,7	5,9
315	8210001269	8210001257	336	500	676	0,7	0,7	6,8
400	8210001270	8210001258	361	630	766	0,7	0,7	7,3
450	8210001271	8210001259	299	710	826	0,9	0,9	15
500	8210001272	8210001260	311	810	926	0,9	0,9	21
560	8210001273	8210001261	300	920	1026	0,9	0,9	26
630	8210001274	8210001262	315	1020	1086	0,9	0,9	33
710	8210001275	8210001263	320	1150	1186	0,9	0,9	39



Operation

- Must be mounted in a horizontal position.
- Duct distance recommended: At least ten diameters from cyclone / collector
- Velocity: 1500 5000 fpm (7.62m/sec 25.4m/sec).
- The Nordfab Inline Spark Trap is not a replacement for spark detection or explosion isolation systems. It is a complementary device only.



Please Note:
Must use a Quick-Fit Transition piece when used in a FB system.

CARZ Explosion Isolation Flap Valve

Explosion Pressure Resistance

The Explosion Isolation Flap Valve type CARZ is designed as explosion pressure resistance equipment, to prevent transmission of dangerous pressure waves and flames to upstream areas. CARZ valves are certified according to EN 16447:2014.

Description

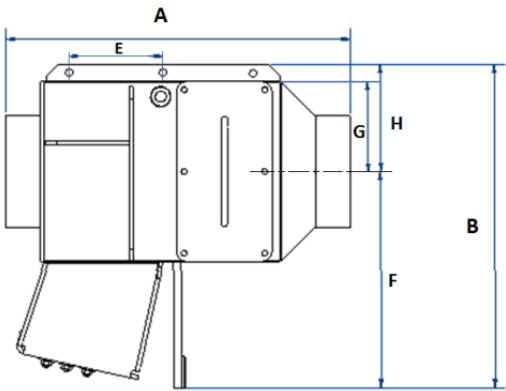
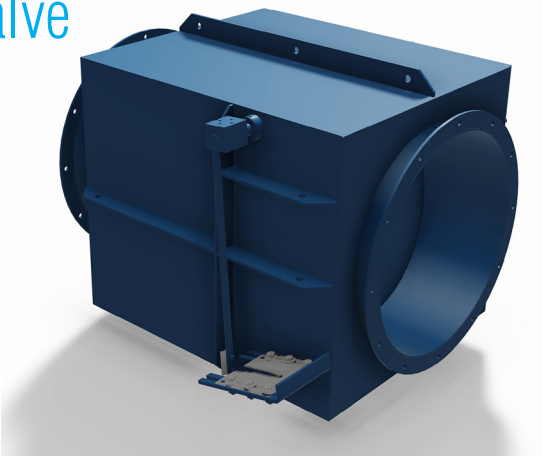
Welded construction in RAL 5009 blue painted steel plate or optional stainless steel with optional rubber seal.

Function

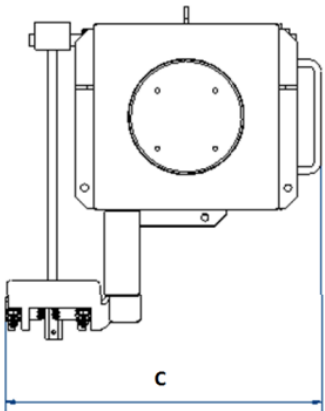
Air flow generated by the main fan keeps the Flap Plate open. In case of an explosion in the downstream equipment (e.g. dust collector), a pressure wave will force the Flap Plate to close and lock in position. The closed Flap Plate provides an effective barrier against an approaching flame, preventing the explosion from being transmitted to upstream work areas.

Technical Data	
Ambient temperature range	Min. -20°C to 60°C (Min 0°F, Max 140°F)
Certifications	CE, EX
Material	Welded carbon steel, painted RAL5009
Operating temperature range	Min. -20°C to 70°C (Min 0°F, Max 160°F)
Connection	QF, FLI
Kst (bar m/s)	200
Maximum reduced pressure, Pred(bar)	0,45
Install type	Push and Pull

CARZ Explosion Isolation Flat Valve											
Ø mm	Item no. QF	Item no. FLI	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Weight kg
160	73001692	73001685	495	470	435	581	196	310	130	155	23
180	73001693	73001686	515	470	455	581	206	301	140	165	26
200	73001694	73001687	535	470	475	581	216	291	150	175	29
250	73001696	73001688	585	470	525	585	241	266	175	200	36
315	73001697	73001689	650	495	605	650	273	230	213	253	45
350	73001698	73001690	685	530	640	685	291	217	225	265	50
400	73001699	73001691	735	580	690	735	316	198	250	290	57



Air flow generated by the main fan keeps the Flap Plate open.



CE 1026 Ex D St1
The marking is based on product certification:
FTZU 15 ATEX 0128X by N.B. No. 1026 and Quality System approval by N.B.

Please Note:
When using for FB, a transition piece is needed.



Create 3D duct designs using Quick-Fit Visual

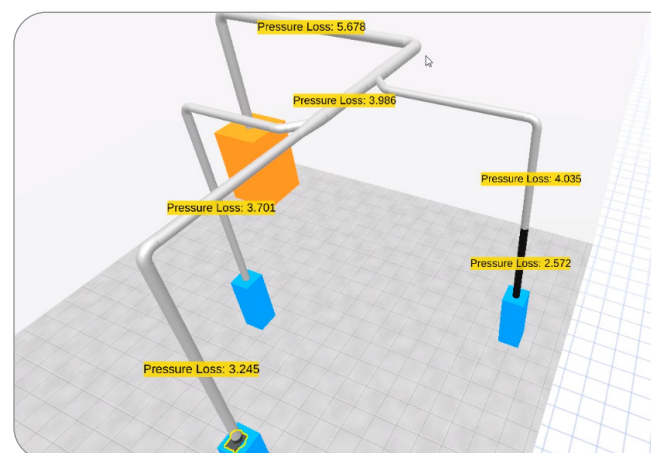
A fast, friendly and reliable way of seeing your future duct collection system before it's installed

All the information you need

Using Nordfab's new tool, Quick-Fit Visual, for designing duct installations gives you the advantage of quickly creating a 3D design showing automatically sized ducting which also includes static pressure loss calculations.

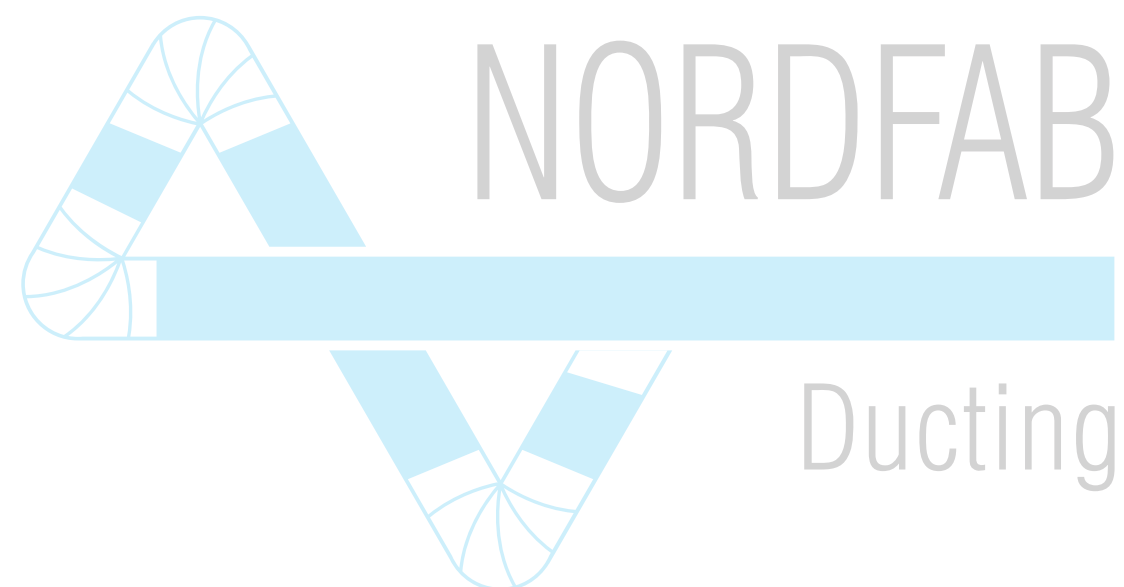
Easy to place orders

You can get an almost immediate quote and design. After placing your order, you will receive a bill of material and installation plan. If needed, you can also get a CAD file which can be imported into more comprehensive facility drawings.



Ducting is automatically sized and pressure losses are calculated.

Contact your Nordfab representative today and request a free demo!



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