

QUICK-FIT & QUICK-FIT SEALED PRODUCT CATALOGUE

VERSION 1:2024

All the ducting
components you
need for your dust
collection, fume
extraction, and
process ventilation
system

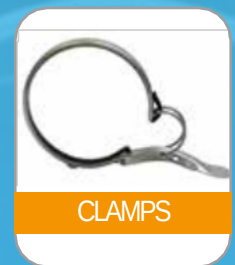
Galvanised • Stainless steel



QF DUCT



QFS DUCT



CLAMPS



PRESSED BENDS



SEGMENTED BENDS



BRANCHES



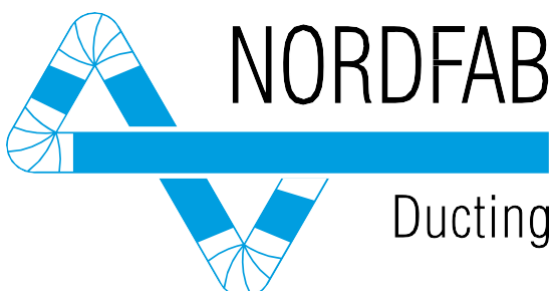
SPARK TRAP



OIL MIST DRAIN



ACCESSORIES



Visit Nordfab New Zealand at
www.atsource.co.nz or call 0800 287 687

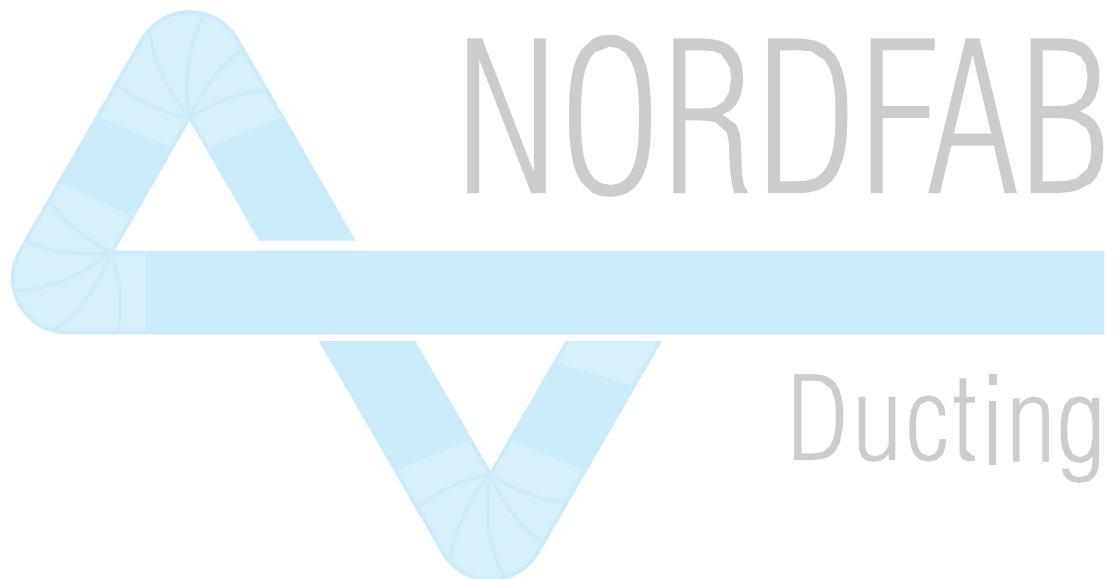


Table of Contents

INTRODUCTION	6
The world's fastest ducting	6
General conditions of sale	7
Nordfab ducting general specifications	8
Quick-Fit slip duct installation	11
New improved gasket	11
NORDFAB QUICK-FIT (QF)	12
DUCT & CLAMPS	13
Quick-Fit (QF) duct	13
Quick-Fit (QF) Slip duct	14
Quick-Fit (QF) premium clamp	14
Quick-Fit (QF) O-Ring	14
PRESSED BENDS	15
SEGMENTED BENDS	16
BRANCHES	18
Quick-Fit (QF) Branch Standard	18
Quick-Fit (QF) Double Branch	19
Quick-Fit (QF) Y-Branch	19
Quick-Fit (QF) T-Branch	20
Quick-Fit (QF) Cut-in, 30°	20
Quick-Fit (QF) Cut-in, 90°	20
Custom manifold	20
ADAPTORS	21
Quick-Fit (QF) Reducer	21
Flanged Adaptor	21
Quick-Fit (QF) Hose Adaptor	22
Quick-Fit (QF) Tabular Rivet Adaptor	22
Quick-Fit (QF) Ventilation Adaptor	22
Regulation Cone	23
Quick-Fit (QF) Machine Adaptor Expanded	23
QF to FB Transition Piece	23
Quick-Fit (QF) Mesh End Cap	24
Quick-Fit (QF) End Cap	24
Transition from rectangular to round	24
DAMPERS	25
NFMES Manual Damper	25
NFES Automatic Damper	25
SUCTION HOOD	26
HOSE & CLAMPS	27
DIVERTER VALVES	28
RGSM Manual Diverter / RGBM Automatic Diverter	28
HANGERS & INSTALLATION	29
KVDA Split Strap	29
KVDD Legs For Split Strap	29

ACCESSORIES	30
Quick-Fit (QF) Ball Joint	30
Weather Cowl	30
Floor Sweep	30
Quick-Fit (QF) Drop Out Box	31
Quick-Fit (QF) Silencer	31
Quick-Fit (QF) Back Pressure Flap Valve	32
Roof Plate	32
Wall Plate for Pipe	32
Jet Cowl	33
Cable For Grounding	33
INLINE SPARK TRAP	34
FLANGED DUCT	35
NORDFAB QUICK-FIT SEALED (QFS)	37
QUICK-FIT SEALED (QFS) DUCT & CLAMP	38
Quick-Fit Sealed (QFS) Gasket	38
Quick-Fit Sealed (QFS) Slip Duct	39
Quick-Fit Sealed (QFS) Premium Clamp	39
Quick-Fit O-ring	39
O-ring For QFS Slip Duct	39
PRESSED BENDS	40
SEGMENTED BENDS	41
BRANCHES	42
Quick-Fit Sealed (QFS) Branch Standard	42
Quick-Fit Sealed (QFS) Double Branch	43
Quick-Fit Sealed (QFS) Y-Branch	43
Quick-Fit Sealed (QFS) T-Branch	43
ADAPTORS	44
Quick-Fit Sealed (QFS) Reducer	44
Quick-Fit Sealed (QFS) Ventilation Adaptor	44
Quick-Fit Sealed (QFS) Machine Adaptor Expanded	44
Quick-Fit Sealed (QFS) End Cap	45
DAMPERS	46
Quick-Fit Sealed (QFS) Manual Damper	46
Quick-Fit Sealed (QFS) Automatic Damper	46
SPECIAL APPLICATIONS	47
Oil Mist Drain	47

Type	Description	Page	Type	Description	Page	Type	Description	Page	Type	Description	Page			
DUCT & CLAMPS			ADAPTORS			HOSES & CLAMPS			HANGERS & INSTALLATION					
	QF Duct / QFS Duct	13 / 38		QF / QFS Reducer	21 / 44		Hose Clamp	27		QF KVDA Split Strap / QFS KVDA Split Strap	29 / 47			
	Slip Duct / QFS Slip Duct	14 / 39		QF Flanged Adaptor	21	DIVERTER VALVES				QF KVDD Legs for Split Strap	29			
	QF Premium Clamp	14		Hose Adaptor	22		RGSM Manual Diverter Valve	28					RGBM Automatic Diverter Valve	28
	QF Duct End Gasket	14		Tabular Rivet Adaptor	22	ACCESSORIES			SPECIAL APPLICATIONS					
	Flanged Duct FLI / FLN	35		QF / QFS Ventilation Adaptor	22 / 44		QF Ball Joint	30		Weather Cowl	30		Inline Spark Trap	34
	QFS Duct End Gasket	38-39		Regulation Cone	23		Oil Mist Drain	30		CARZ Explo- sion Isolation Flap Valve	48			
	QFS Premium Clamp	39		QF to FB Transition Piece	23		Suction Hood	30						
BENDS				QF / QFS Machine Adaptor Expanded	23 / 44		QF Silencer	31						
	QF / QFS Pressed Bend	15 / 40		QF /QFS End Cap	24 / 45		QF Drop Out Box	31						
	QF / QFS Segmented Bend	16-17 / 41		QF Transition Rectangular to Round	24		QF Back Pressure Flap Valve	32						
BRANCHES				Mesh End Cap	24		Roof Plate	32						
	QF /QFS Branch Standard	18 / 42	DAMPERS				Wall Plate for Pipe	32						
	QF /QFS Double Branch	19 / 43		QF NFMS, Manual	25		Cable for Grounding	33						
	QF / QFS Y-Branch	19 / 43		QF NFES, Automatic	25		Jet Cowl	33						
	QF / QFS T-Branch	20 / 43		QFS Manual Damper	46									
	QF Cut-in 30°	20		QFS Automatic Damper	46									
	QF Cut-in 90°	20												



The world's fastest ducting

The Nordfab Group manufactures and supplies high performance ducting, and we offer unparalleled quality, efficiency, and convenience for our customers. With our Quick-Fit ducting being modular in design for easy installation, superior air movement efficiency, and durable construction, Nordfab ensures optimal performance in dust and fume extraction systems. Trust Nordfab for reliable, time-saving, and cost-effective solutions tailored to your industrial needs.

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 clamp-together ductwork for dust, mist, fume and smoke applications and industrial ventilation. Introduced in 1990, Nordfab's Quick-Fit ductwork, with unique rolled ends and easy-to-use clamps, can cut installation time by up to 50%, saving contractors time and money when compared to alternative types of ductwork.

Easy & Fast to install

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

Re-Usable

Quick-Fit 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

Quick-Fit ducting components are adaptable to existing ductwork and Quick-Fit has 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 Quick-Fit (QF) and Quick-Fit Sealed (QFS) products are produced in an ISO-certified and process-oriented manufacturing environment. Nordfab is ISO 9001:2015 and ISO 1400:2015 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 AtSource



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.

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 fee will apply. Delivery charges for returned items are to be paid by the customer.

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 contact us at your earliest convenience.

Hours of operation

Weekdays 8:30 am – 5:00 pm.

Steel Mill certifications

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

Pricing

Please note that any prices listed in this book are accurate as of the print date but may vary throughout the year. Any updates to pricing will be communicated at the time of your quote or order. Items marked with an asterisk (*) are available upon request and will be priced accordingly.



How to contact AtSource:

E-mail Order:

sales@atsource.co.nz

Phone Order:

0800 287 687

Internet:

www.atsource.co.nz

Nordfab Ducting General Specifications:

Structural integrity and general engineering specifications for Quick-Fit ducting

Applications

Nordfab's lock form seam Quick-Fit 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 1.5m lengths with a rolled lip on each end, thus providing reinforcement every 1.5m, 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. Quick-Fit 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 Quick-Fit duct pipe has fully pressed leak-tight seams. Spiral and other ducting with types of lockform seams can be expected to have higher leakage rates than Quick-Fit duct.

Application of sealants to the individual rolled ends can also enhance the tightness of the system. However, the Quick-Fit 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, Quick-Fit 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 Quick-Fit 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.

Leakage Rate in m³/h per QF Joint

Ø mm	747Pa	1245Pa	2491Pa	4982Pa	7473Pa
100	0.34	0.42	0.51	0.85	1.36
200	0.34	0.42	0.51	0.85	1.36
250	0.34	0.42	0.51	0.85	1.36
500	0.68	1.02	1.53	2.55	3.40



Quick reference for Nordfab ductwork in various operating temperatures

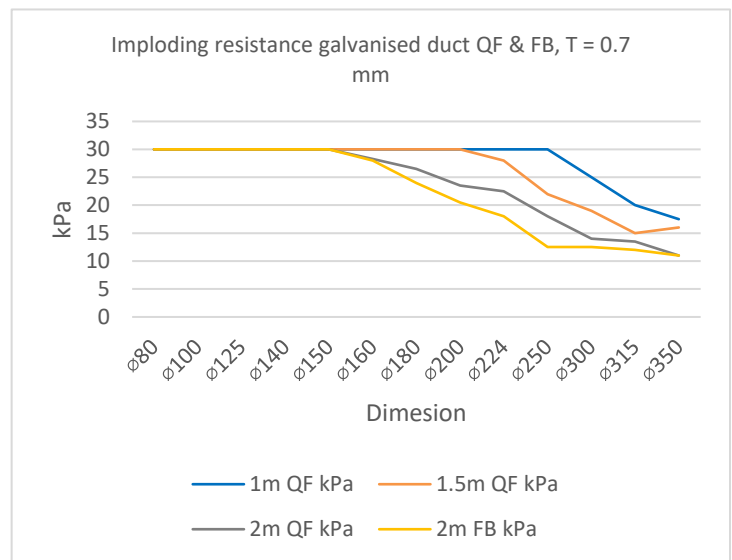
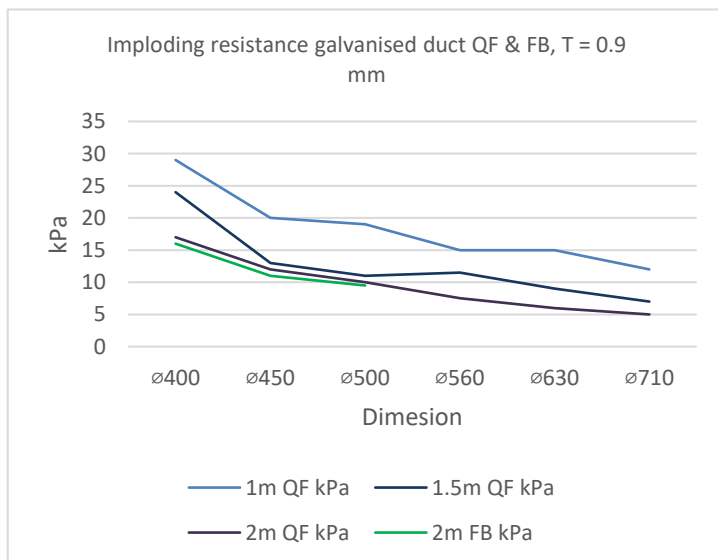
Each component in a product must be evaluated to confirm temperature vulnerabilities.

Operating temperature of ductwork components						
°C	Pipe, Bends, Branches & Other Metal Components	Caulks		Seals in QF Clamps	O-Rings for QF sleeves (adjustable nipples)	Flange Gasket
1400	Galvanized Steel 304SS Black Metal	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	Black Metal Painted					
-40						
-51						
-54						
-59						
-63						

The information above is intended as a general recommendation. each component in a ductwork system should be analysed 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.

Under pressure capacity

Please be aware of the fact that duct could implode even with less under pressure as shown in the graphs below. Ovality in the duct, dents, pulsation in the duct work caused by opening and closing dampers, and fans that are changing speed are all factors to take into consideration.



Sizing Nordfab ducting systems

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

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

Air volume chart - m³/h

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

AtSource offers fast and friendly specification, installation design, and quoting tools for planning ducting installations. Design charges may apply

ProQuote is our CAD-based tool to assist with designing Nordfab ductwork installations. ProQuote allows us to place 2D/3D illustrations of Nordfab Quick-Fit Ducting components into a CAD drawing.

Quick-Fit Slip Duct installation

Nordfab's Quick-Fit Slip Duct is an important component as it allows you to quickly adjust the length of your duct run.



1 Measure distance to be spanned.



2 Mark distance to be spanned less 100 mm.



3 Use O-ring provided and mark for cut.



4 Drill access hole(s) and then cut the duct.



5 Put O-ring on the cut duct and slide a slip duct over the cut piece.



6 Snap QF Clip over O-ring and one end of slip duct.



7 Finished connection with the slip duct.



Watch our instruction video by scanning the QR code.

NEW IMPROVED GASKET

Our new QFS Gasket is easier to install and does not require adhesives.



Sealing joints between ducts

Nordfab's Oil Mist Gasket, combined with the gasket inside our QF Clips, provides dual protection against leakage where ducts are joined.



1 Place the gasket along the rolled edge of the duct, so that the top edge is evenly covered. Gasket is non-directional so it may be applied to either component in a joint (one gasket per joint).



2 Join the gasketed end of the duct to a non-gasketed end of the next part in the ducting run using a standard QF Clip.

NOTE: When dismantling ducting, always replace the gasket and clip.

Nordfab Quick-Fit (QF) ducting

Nordfab ducting offers an unbeatable solution for all general purpose dust extraction duties. Nordfab's Quick-Fit (QF) ducting offers a complete range of diameters and accessories for easy-to-fit professional installations. Our Quick-Fit duct has the distinctive rolled edge for easy joining with our Quick-Fit Clamp.

Manufactured from galvanised steel or stainless steel with lockformed seams on straight duct, which have smoother internal surfaces and provide greatly enhanced leak resistance.



Who uses Quick-Fit?

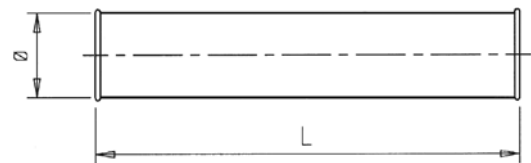
- Woodworking
- Furniture
- Metalworking
- Concrete
- Recycling
- Automotive
- Plastics
- Textiles
- Powder, Bulk and Solids
- Agriculture
- Paper
- Chemical
- Ventilation
- Aviation
- Smelters
- Waste processing
- Dairy
- Many more

Advantages

- Quick-Fit for fast installation with no special tools, no painting.
- Easy to assemble installation components.
- Neat slip duct connections to adapt and adjust ducting on site during installation.
- Easy to extend or take apart completely for cleaning, reconfiguring or relocation.
- Full range of accessories and installation components.
- Adaptors available to connect to and extend all other duct systems.
- All you need from one comprehensive, tried and tested range.
- Stainless steel also available.

Duct & Clamps

Nordfab Quick-Fit (QF) ducting comes in standard 1.5 metre length with a diameter of 80 - 710 mm. The material used is galvanised steel or 304SS stainless steel. Other sizes and materials can be available upon request.



QF Ducting

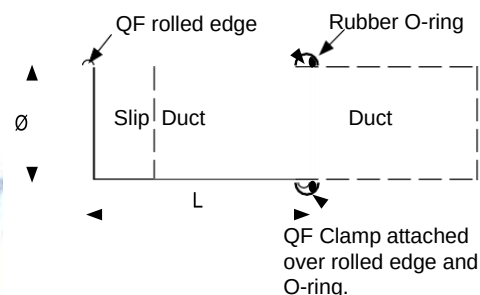
Quick-Fit (QF) Duct Lockformed (1.5 m)

Ø mm	L mm	Item no Galv	T mm	Weight kg	L mm	Item no 304SS	T mm	Weight kg
080	1200	8210008071	0.7	2.3	1200	8210008008	0.7	2.2
100	1500	8210000906	0.7	2.8	1500	8210000946	0.7	2.6
125	1500	8210000907	0.7	3.4	1500	8210000947	0.7	3.2
140	1500	8210000908	0.7	4.0	1500	8210000948	0.7	3.6
150	1500	8210000909	0.7	4.2	1500	8210000949	0.7	3.8
160	1500	8210000910	0.7	4.5	1500	8210000950	0.7	4.1
180	1500	8210000911	0.7	5.1	1500	8210000951	0.7	3.95
200	1500	8210000912	0.7	5.7	1500	8210000952	0.7	4.45
224	1500	8210000913	0.7	6.2	1500	8210000953	0.7	4.95
250	1500	8210000914	0.7	7.1	1500	8210000954	0.7	5.55
280	1500	8210008072	0.7	8.0				
300	1500	8210000915	0.7	8.2	1500	8210000955	0.7	6.65
315	1500	8210000916	0.7	8.8	1500	8210000956	0.7	6.95
350	1500	8210000917	0.7	9.9	1500	8210000957	0.7	7.75
400	1500	8210000918	0.9	13.6	1500	8210000958	0.9	13.3
450	1500	8210000919	0.9	15.3	1500	8210000959	0.9	15.0
500	1500	8210000920	0.9	17.0	1500	8210000960	0.9	16.6
560	1500	8210000921	0.9	18.7	1500	8210000961	0.9	18.6
630	1500	8210000922	0.9	21.6	1500	8210000962	0.9	20.9
710	1500	8210000923	0.9	24.4	1500	8210000963	0.9	23.6

Quick-Fit (QF) Slip Duct Lockformed (excl. clamp + O-ring)

Ø mm	Item no. Galv	L mm	T mm	Weight kg
080	8210004783	300	0.7	0.5
100	8210004784	300	0.7	0.6
125	8210004785	300	0.7	0.7
140	8210004786	300	0.7	0.8
150	8210004787	300	0.7	0.9
160	8210004788	300	0.7	0.9
180	8210004789	300	0.7	1.0
200	8210004790	300	0.7	1.2
224	8210004791	300	0.7	1.3
250	8210004792	300	0.7	1.4
280	8210008006	300	0.7	1.5
300	8210004793	300	0.7	1.7
315	8210004794	300	0.7	1.8
350	8210004795	300	0.7	2.0
400	8210004796	300	0.9	2.9
450	8210004797	300	0.9	3.3
500	8210004798	300	0.9	3.7
560	8210004799	300	0.9	4.1
630	8210004800	300	0.9	4.6
710	8210004801	300	0.9	5.2

Don't forget to
order clamp
and O-ring!



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 EO14 EO34 EF11 EF21
- Temperature range: -34° C to +107° C / intermittent: +138° C

Quick-Fit (QF) Premium Clamp Galv with nitrile seal

Ø mm	Item no. Galv	Weight kg
80	8210000693	0.1
100	8210000694	0.1
125	8210000695	0.1
140	8210000696	0.1
150	8210000697	0.1
160	8210000698	0.1
180	8210000699	0.2
200	8210000700	0.2
224	8210000701	0.2
250	8210000702	0.3
280	8210008534	0.4
300	8210000703	0.4
315	8210000704	0.4
350	8210000705	0.5
400	8210000706	0.6
450	8210000707	0.6
500	8210000708	0.7
560	8210000709	0.8
630	8210000710	0.9
710	8210000711	1.0

Quick-Fit (QF) O-Ring EPDM seal

Ø mm	Item no. EPDM	Weight kg
80	8210001148	0.02
100	8210001149	0.03
125	8210001150	0.04
140	8210001151	0.04
150	8210001152	0.05
160	8210001153	0.05
180	8210001154	0.06
200	8210001155	0.06
224	8210001156	0.07
250	8210001157	0.08
280	8210008354	0.10
300	8210001158	0.10
315	8210001159	0.11
350	8210001160	0.12
400	8210001161	0.14
450	8210001162	0.15
500	8210001163	0.17
560	8210001164	0.19
630	8210001165	0.21
710	8210001166	0.24



QF O-ring



QF Premium
Clamp, R-pin
included.

Quick-Fit (QF) Pressed Bends (long radius)

Duct bends allow airflow direction change in a run of duct. Standard Quick-Fit Pressed Bends are available in 90°, 60°, 45°, 30°, and 15°.

$R = 1.5 \times \text{diameter to centreline}$. Also available in $1 \times \text{diameter to centreline}$.



Quick-Fit (QF) 90° Pressed Bends

(long radius)

$R = 1.5 \times \text{diameter to centreline}$

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210000178	120		0.4
100	8210000183	150		0.5
125	8210000188	190		0.8
140	8210000193	210		0.9
150	8210000198	225		1.1
160	8210000203	240	0.9	1.2
180	8210000208	270		1.6
200	8210000213	300		1.9
224	8210000218	337		2.4
250	8210000223	375		3.0
300	8210000228	450		3.2
315	8210000233	472		5.0

Quick-Fit (QF) 60° Pressed Bends

(long radius)

$R = 1.5 \times \text{diameter to centreline}$

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210000177	120		0.4
100	8210000182	150		0.4
125	8210000187	190		0.6
140	8210000192	210		0.6
150	8210000197	225		0.7
160	8210000202	240	0.9	0.8
180	8210000207	270		1.2
200	8210000212	300		1.3
224	8210000217	337		1.7
250	8210000222	375		1.9
300	8210000227	450		2.4
315	8210000232	472		2.6

Quick-Fit (QF) 45° Pressed Bends

(long radius)

$R = 1.5 \times \text{diameter to centreline}$

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210000176	120		0.2
100	8210000181	150		0.3
125	8210000186	190		0.4
140	8210000191	210		0.4
150	8210000196	225		0.5
160	8210000201	240	0.9	0.6
180	8210000206	270		0.9
200	8210000211	300		1.0
224	8210000216	337		1.6
250	8210000221	375		1.6
300	8210000226	450		2.3
315	8210000231	472		2.4

Quick-Fit (QF) 30° Pressed Bends

(long radius)

$R = 1.5 \times \text{diameter to centreline}$

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210000175	120		0.2
100	8210000180	150		0.3
125	8210000185	190		0.3
140	8210000190	210		0.4
150	8210000195	225		0.5
160	8210000200	240	0.9	0.5
180	8210000205	270		0.7
200	8210000210	300		0.9
224	8210000215	337		1.3
250	8210000220	375		1.5
300	8210000225	450		2.2
315	8210000230	472		2.2

Quick-Fit (QF) 15° Pressed Bends

(long radius)

$R = 1.5 \times \text{diameter to centreline}$

Ø mm	Item no. Galv	R mm	T mm	Weight kg
080	8210000174	120		0.1
100	8210000179	150		0.2
125	8210000188	190		0.4
140	8210000189	210		0.4
150	8210000194	225		0.4
160	8210000199	240	0.9	0.4
180	8210000204	270		0.5
200	8210000209	300		0.7
224	8210000214	337		0.9
250	8210000219	375		0.9
300	8210000224	450		1.3
315	8210000229	472		1.3



Quick-Fit pressed bend, 60°

Quick-Fit (QF) Segmented Bends

Duct bends allow airflow direction change in a run of duct. Standard Quick-Fit Segmented Bends are available in 90°, 60°, 45°, 30°, and 15°. Bends can also be ordered in 304SS.

Limited stock on hand of some sizes in NZ, pricing on request.



Quick-Fit (QF) 90° Segmented Bends R = 1.5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
80	8210000374	Special Order Item – Not normally stocked in NZ		
100	8210000379			
125	8210000384			
140	8210000389			
150	8210000394			
160	8210000399			
180	8210000404	300	0.7	1.9
200	8210000409			
224	8210000414			
250	8210000419			
300	8210000424			
315	8210000429			
350	8210000434			
400	8210000439			
450	8210000444			
500	8210000449			
560	8210000454			
630	8210000459			
710	8210000464			

Quick-Fit (QF) 60° Segmented Bends R = 1.5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
80	8210000373	Special Order Item – Not normally stocked in NZ		
100	8210000378			
125	8210000383			
140	8210000388			
150	8210000393			
160	8210000398			
180	8210000403	300	0.7	1.3
200	8210000408			
224	8210000413			
250	8210000418			
300	8210000423			
315	8210000428			
350	8210000433			
400	8210000438			
450	8210000443			
500	8210000448			
560	8210000453			
630	8210000458			
710	8210000463			



Quick-Fit (QF) 45° Segmented Bends

R = 1.5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
80	8210000372			
100	8210000377			
125	8210000382			
140	8210000387	Special Order Item – Not normally stocked in NZ		
150	8210000392			
160	8210000397			
180	8210000402			
200	8210000407	300	0.7	1.0
224	8210000412	337	0.7	1.6
250	8210000417	375	0.7	1.9
300	8210000422	450	0.7	2.0
315	8210000427	473		5.9
350	8210000432	525		6.8
400	8210000437	600		8.8
450	8210000442	675	0.9	10.9
500	8210000447	750		13.3
560	8210000452	840		20.9
630	8210000457	945		26.1
710	8210000462	1065		33.2

Quick-Fit (QF) 15° Segmented Bends

R = 1.5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
80				
100	8210000375			
125	8210000380			
140		Special Order Item – Not normally stocked in NZ		
150	8210000390			
160				
180	8210000400			
200	8210000405	300	0.7	0.5
224	8210000410	337	0.7	0.6
250	8210000415	375	0.7	1.3
300				
315				
350	8210000430	525		2.9
400	8210000435	600		3.8
450	8210000440	675	0.9	4.6
500	8210000445	750		5.6
560	8210000450	840		8.2
630	8210000455	945		10.2
710	8210000460	1065		12.6

Quick-Fit (QF) 30° Segmented Bends

R = 1.5 x diameter to centreline

Ø mm	Item no. Galv	R mm	T mm	Weight kg
80	8210000371			
100	8210000376			
125	8210000381			
140	8210000386	Special Order Item – Not normally stocked in NZ		
150	8210000391			
160	8210000396			
180	8210000401			
200	8210000406	300	0.7	0.9
224	8210000411	337	0.7	1.3
250	8210000416	375	0.7	1.3
300	8210000421	450	0.7	1.4
315	8210000426	473		5.9
350	8210000431	525		6.8
400	8210000436	600		8.8
450	8210000441	675	0.9	10.9
500	8210000446	750		13.3
560	8210000451	840		20.9
630	8210000456	945		26.1
710	8210000461	1065		33.2

Quick-Fit (QF) Segmented Bends with other radius available

Ø mm	R=1xD	R=2xD	R=3xD	R=4xD	R=5xD
125 – 200	2.5 x price	3.0 x price	3.5 x price	4.0 x price	4.5 x price
225 – 315	2.0 x price	2.5 x price	3.0 x price	3.5 x price	4.0 x price
350 - 1000	1.0 x price	1.5 x price	2.0 x price	2.5 x price	3.0 x price



Quick-Fit Segmented Bends allow airflow direction change in a run of duct.

Quick-Fit (QF) Branches

Quick-Fit standard branches are used to port to machine outlets or other duct lines. Standard branches are 30°. 45° and 90° are optional. Other degrees on request.

Limited stock on hand of some sizes in NZ, pricing on request.

Quick-Fit (QF) Branch Standard

Ø A mm	Ø B mm	Ø C mm	Item no. 30° Galv	T mm
080	080	080	8240000444	0.7
100	100	100	8240000447	0.7
125	125	125	8240000453	0.7
140	140	140	8240000463	0.7
150	150	150	8240000478	0.7
160	160	160	8240000499	0.7
180	180	180	8240000527	0.7
200	200	200	8240000563	0.7
224	224	224	8240000608	0.7
250	250	250	8240000663	0.7
300	300	300	8240000718	0.7
315	315	315	8240000784	0.7
350	350	350	8240000850	0.7
400	400	400	8240000928	0.9
450	450	450	8240001006	0.9
500	500	500	8240001084	0.9
560	560	560	8240001150	0.9
630	630	630	8240001216	0.9
710	710	710	8240001282	0.9



Please Note:

Available in stainless steel material as well.
For Branches with other end dimensions than presented in our charts, visit
(www.nordfab.com) for current item codes.

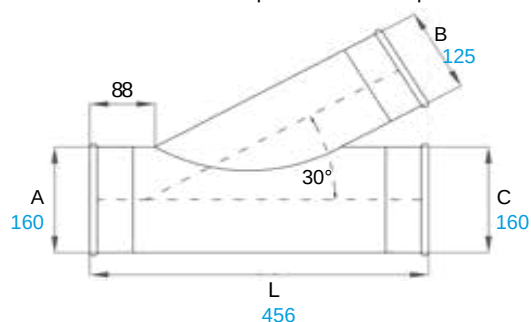


$$L = (B \times 2) + 206$$

$$\text{Example } L = 125 \times 2 + 206 = 456$$

ØC must be smaller than or equal to ØA
ØB must be smaller than or equal to ØC

Length of B
leg and C leg
is always
equal



Quick-Fit Standard Branch, 30°



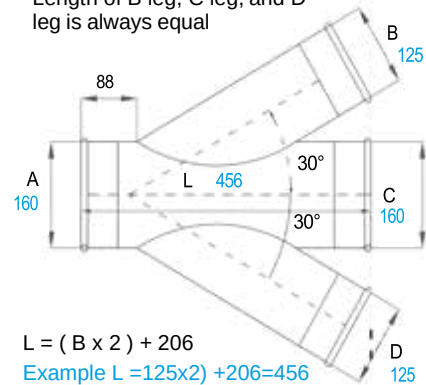
Quick-Fit (QF) Double Branch

Ø A mm	Ø B mm	Ø C mm	Ø D mm	Item no. 30° Galv	T mm
080	080	080	080	8240002253	0.7
100	100	100	100	8240002256	0.7
125	125	125	125	8240002262	0.7
140	140	140	140	8240002272	0.7
150	150	150	150	8240002287	0.7
160	160	160	160	8240002308	0.7
180	180	180	180	8240002336	0.7
200	200	200	200	8240002372	0.7
224	224	224	224	8240002417	0.7
250	250	250	250	8240002472	0.7
300	300	300	300	8240002527	0.7
315	315	315	315	8240002593	0.7
350	350	350	350	8240002659	0.7
400	400	400	400	8240002737	0.9
450	450	450	450	8240002815	0.9
500	500	500	500	8240002893	0.9
560	560	560	560	8240002959	0.9
630	630	630	630	8240003025	0.9
710	710	710	710	8240003091	0.9

Quick-Fit Double Branch, 30°.



Length of B leg, C leg, and D leg is always equal



$$L = (B \times 2) + 206$$

$$\text{Example } L = 125 \times 2 + 206 = 456$$

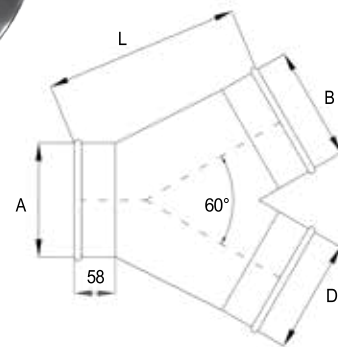
ØC must be smaller than or equal to ØA

ØB must be smaller than or equal to ØC

ØD must be smaller than or equal to ØC

Quick-Fit (QF) Y Branch, 60°

Ø A mm	Ø B mm	Ø D mm	Item no. Galv	T mm
080	080	080	8240001283	0.7
100	100	100	8240001285	0.7
125	125	125	8240001288	0.7
140	140	140	8240001292	0.7
150	150	150	8240001297	0.7
160	160	160	8240001303	0.7
180	180	180	8240001310	0.7
200	200	200	8240001318	0.7
224	224	224	8240001327	0.7
250	250	250	8240001337	0.7
300	300	300	8240001347	0.7
315	315	315	8240001358	0.7
350	350	350	8240001369	0.7
400	400	400	8240001381	0.9
450	450	450	8240001393	0.9
500	500	500	8240001405	0.9
560	560	560	8240001416	0.9
630	630	630	8240001427	0.9
710	710	710	8240001438	0.9



$$L = A + 100$$

B and D must be smaller than or equal to A

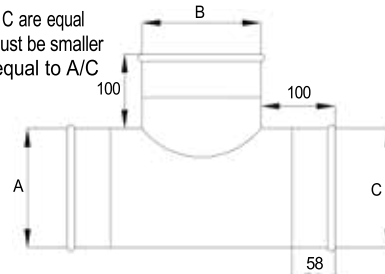
Quick-Fit Y Branches are 60°, other degrees on request.

Quick-Fit (QF) T-Branch

Ø A mm	Ø B mm	Item no. Galv	T mm	Ø A mm	Ø B mm	Item no. Galv	T mm
080	080	8240004730	0.7	300	300	8240004795	0.7
100	100	8240004732	0.7	315	315	8240004806	0.7
125	125	8240004735	0.7	350	350	8240004817	0.7
140	140	8240004739	0.7	400	400	8240004828	0.9
150	150	8240004744	0.7	450	450	8240004839	0.9
160	160	8240004750	0.7	500	500	8240004850	0.9
180	180	8240004757	0.7	560	560	8240004861	0.9
200	200	8240004765	0.7	630	630	8240004872	0.9
224	224	8240004774	0.7	710	710	8240004883	0.9
250	250	8240004784	0.7				

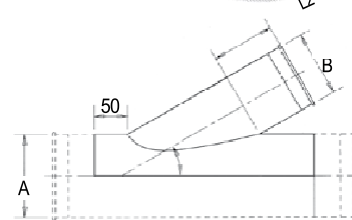


A & C are equal
B must be smaller
or equal to A/C



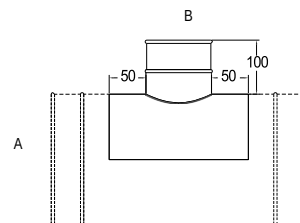
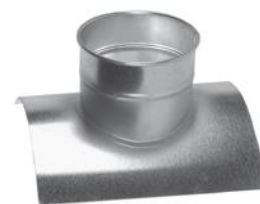
Quick-Fit (QF) Cut-in 30°

Ø B mm	Ø A mm	Item no. Galv	T mm	Ø B mm	Ø A mm	Item no. Galv	T mm
080	080	8240000001	0.7	300	300	8240000066	0.7
100	100	8240000003	0.7	315	315	8240000077	0.7
125	125	8240000006	0.7	350	350	8240000088	0.7
140	140	8240000010	0.7	400	400	8240000099	0.9
150	150	8240000015	0.7	450	450	8240000110	0.9
160	160	8240000021	0.7	500	500	8240000121	0.9
180	180	8240000028	0.7	560	560	8240000132	0.9
200	200	8240000036	0.7	630	630	8240000143	0.9
224	224	8240000045	0.7	710	710	8240000154	0.9
250	250	8240000055	0.7				



Quick-Fit (QF) Cut-in 90°

Ø B mm	Ø A mm	Item no. Galv	T mm	Ø B mm	Ø A mm	Item no. Galv	T mm
080	080	8240019561	0.7	300	300	8240019626	0.7
100	100	8240019563	0.7	315	315	8240019638	0.7
125	125	8240019566	0.7	350	350	8240019651	0.7
140	140	8240019570	0.7	400	400	8240019665	0.9
150	150	8240019575	0.7	450	450	8240019680	0.9
160	160	8240019581	0.7	500	500	8240019696	0.9
180	180	8240019588	0.7	560	560	8240019713	0.9
200	200	8240019596	0.7	630	630	8240019731	0.9
224	224	8240019605	0.7	710	710	8240019750	0.9
250	250	8240019615	0.7				



Custom Manifold

Please call AtSource with your specification.



Quick-Fit (QF) Adaptors

Nordfab Quick-Fit (QF) clamp-together duct Adaptors allow connections to machinery as well as ductwork with other connection types.

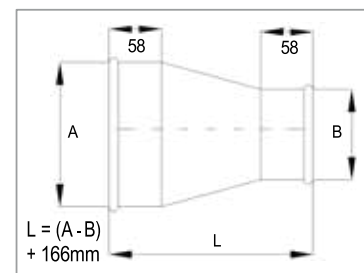
Limited stock on hand of some sizes in NZ, pricing on request.

Please Note:

Available in stainless steel material as well. For products with other end dimensions than presented in our charts, visit (www.nordfab.com) for current item codes.

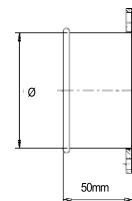
Quick-Fit (QF) Reducer

ØA mm	ØB mm	Item no. Galv	T mm	ØA mm	ØB mm	Item no. Galv	T mm
100	80	8240000309	0.7	300	200	8240000361	0.7
125	80	8240000310	0.7	300	250	8240000363	0.7
125	100	8240000311	0.7	315	300	8240000373	0.7
140	80	8240000312	0.7	350	300	8240000382	0.7
140	100	8240000313	0.7	350	315	8240000383	0.7
140	125	8240000314	0.7	400	300	8240000391	0.9
150	140	8240000318	0.7	400	315	8240000392	0.9
160	100	8240000320	0.7	400	350	8240000393	0.9
160	125	8240000321	0.7	450	400	8240000403	0.9
160	150	8240000323	0.7	500	450	8240000413	0.9
180	160	8240000329	0.7	560	500	8240000423	0.9
200	100	8240000331	0.7	630	500	8240000432	0.9
200	125	8240000332	0.7	630	560	8240000433	0.9
224	200	8240000344	0.7	710	560	8240000442	0.9
250	200	8240000352	0.7	710	630	8240000443	0.9
250	224	8240000353	0.7				



Flanged Adaptor (QF) QF to FLN

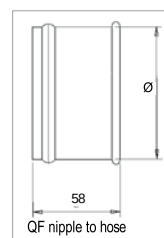
Ø mm	Item no. Galv	T mm	Ø mm	Item no. Galv	T mm
080	8210000000	0.7	300	8210000010	0.7
100	8210000001	0.7	315	8210000011	0.7
125	8210000002	0.7	350	8210000012	0.7
140	8210000003	0.7	400	8210000013	0.9
150	8210000004	0.7	450	8210000014	0.9
160	8210000005	0.7	500	8210000015	0.9
180	8210000006	0.7	560	8210000016	0.9
200	8210000007	0.7	630	8210000017	0.9
224	8210000008	0.7	710	8210000018	0.9
250	8210000009	0.7			



QF Adaptor with flange 30015

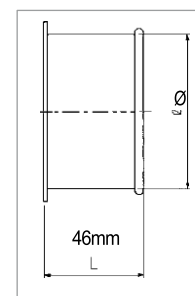
Quick-Fit (QF) Hose Adaptor

Ø mm	Item no. Galv	T mm	Ø mm	Item no. Galv	T mm
80	8210000068	0.7	300	8210000078	0.7
100	8210000069	0.7	315	8210000079	0.7
125	8210000070	0.7	350	8210000080	0.7
140	8210000071	0.7	400	8210000081	0.9
150	8210000072	0.7	450	8210000082	0.9
160	8210000073	0.7	500	8210000083	0.9
180	8210000074	0.7	560	8210000084	0.9
200	8210000075	0.7	630	8210000085	0.9
224	8210000076	0.7	710	8210000086	0.9
250	8210000077	0.7			



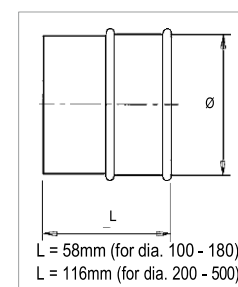
Quick-Fit (QF) Tabular Rivet Adaptor

Ø mm	Item no. Galv	T mm	Ø mm	Item no. Galv	T mm
80	8210000049	0.7	300	8210000059	0.7
100	8210000050	0.7	315	8210000060	0.7
125	8210000051	0.7	350	8210000061	0.7
140	8210000052	0.7	400	8210000062	0.9
150	8210000053	0.7	450	8210000063	0.9
160	8210000054	0.7	500	8210000064	0.9
180	8210000055	0.7	560	8210000065	0.9
200	8210000056	0.7	630	8210000066	0.9
224	8210000057	0.7	710	8210000067	0.9
250	8210000058	0.7			



Quick-Fit (QF) Ventilation Adaptor

Ø mm	Item no. Galv	Item no. 304SS	T mm Galv	T mm 304SS
80	8210000106	8210003456	0.7	0.7
100	8210000107	8210003457	0.7	0.7
125	8210000108	8210003458	0.7	0.7
140	8210000109	8210003459	0.7	0.7
150	8210000110	8210003460	0.7	0.7
160	8210000111	8210003461	0.7	0.7
180	8210000112	8210003462	0.7	0.7
200	8210000113	8210003463	0.7	0.7
224	8210000114	8210003464	0.7	0.7
250	8210000115	8210003465	0.7	0.7
300	8210000116	8210003466	0.7	0.7
315	8210000117	8210003467	0.7	0.7
350	8210000118	8210003468	0.7	0.7
400	8210000119	8210003469	0.9	0.7
450	8210000120	8210003470	0.9	0.7
500	8210000121	8210003471	0.9	0.7
560	8210000122		0.9	
630	8210000123		0.9	
710	8210000124		0.9	



Regulation Cone

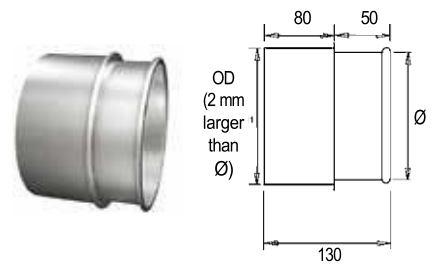
Ø A mm	Ø B mm	Item no. Galv	T mm	Ø A mm	Ø B mm	Item no. Galv	T mm
080	050	8210001837	0.7	250	150	8210001846	0.7
100	050	8210001838	0.7	300	215	8210001847	0.7
125	075	8210001839	0.7	315	200	8210001848	0.9
140	075	8210001840	0.7	400	250	8210001849	0.9
150	075	8210001841	0.7	450	300	8210001850	0.9
160	075	8210001842	0.7	500	350	8210001851	0.9
180	075	8210001843	0.7	560	400	8210001852	0.9
200	100	8210001844	0.7	600	400	8210001853	0.9
224	150	8210001845	0.7	630	450	8210001854	0.9



QF Ducting

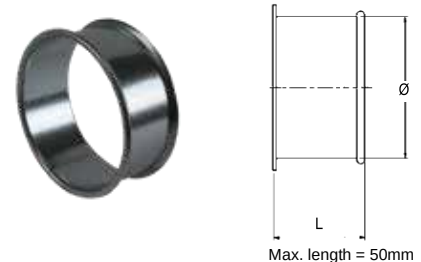
Quick-Fit (QF) Machine Adaptor Expanded

Ø mm	Item no. Galv	T mm	Ø mm	Item no. Galv	T mm
080	8210001855	0.7	180	8210001861	0.7
100	8210001856	0.7	200	8210001862	0.7
125	8210001857	0.7	224	8210001863	0.7
140	8210001858	0.7	250	8210001864	0.7
150	8210001859	0.7	300	8210001865	0.7
160	8210001860	0.7			



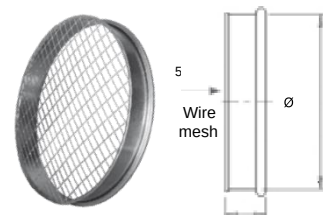
QF to FB Transition piece

Ø mm	Item no. Galv	T mm	Ø mm	Item no. Galv	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			



Quick-Fit (QF) Mesh End Cap

Ø mm	Item no.	T mm	Weight kg	Ø mm	Item no.	T mm	Weight kg
080	8210001031	0.7	0.15	300	8210001041	0.7	0.44
100	8210001032	0.7	0.17	315	8210001042	0.7	0.46
125	8210001033	0.7	0.20	350	8210001043	0.7	0.51
140	8210001034	0.7	0.22	400	8210001044	0.9	0.73
150	8210001035	0.7	0.23	450	8210001045	0.9	0.82
160	8210001036	0.7	0.24	500	8210001046	0.9	0.92
180	8210001037	0.7	0.28	560	8210001047	0.9	1.02
200	8210001038	0.7	0.30	630	8210001048	0.9	1.16
224	8210001039	0.7	0.33	710	8210001049	0.9	1.30
250	8210001040	0.7	0.37				



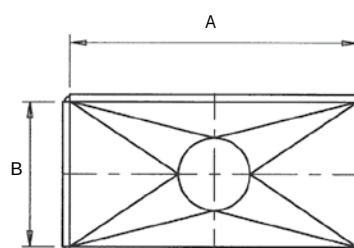
Quick-Fit (QF) End Cap

Ø mm	Item no.	T mm	Weight kg	Ø mm	Item no.	T mm	Weight kg
080	8210001012	0.7	0.09	300	8210001022	0.7	0.88
100	8210001013	0.7	0.13	315	8210001023	0.7	1.15
125	8210001014	0.7	0.18	350	8210001024	0.7	1.60
140	8210001015	0.7	0.22	400	8210001025	0.9	2.12
150	8210001016	0.7	0.24	450	8210001026	0.9	2.63
160	8210001017	0.7	0.26	500	8210001027	0.9	3.20
180	8210001018	0.7	0.35	560	8210001028	0.9	3.86
200	8210001019	0.7	0.40	630	8210001029	0.9	4.00
224	8210001020	0.7	0.49	710	8210001030	0.9	4.54
250	8210001021	0.7	0.62				



Transition from rectangular to round

Available on request. Contact AtSource for details



Please specify:

- The actual A (largest rectangular side), B, and A Ø.
- The positions of the connection spigot.
- The type of connection spigot (QF, flanged, or raw end).

An example of Transition from rectangular to round.

Quick-Fit (QF) Dampers

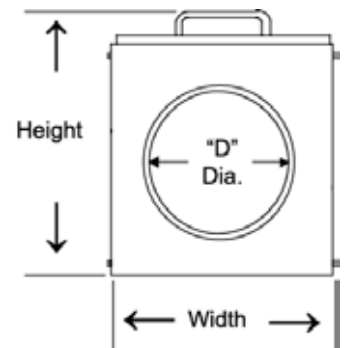
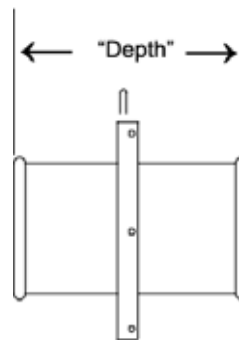
Nordfab Quick-Fit (QF) Dampers are used in process ventilation installations for regulating both air flow and energy regulation. Another advantage is sound reduction. When the damper is closing, the process stops and the sound decreases.

NFMES Manual Damper

Ø mm	Item no. Galv	A mm	B mm	C mm	D mm	Weight kg
80	8210008280	329	215	150	125	2.1
100	8210008281	329	215	150	125	2.7
125	8210008282	382	233	175	125	3.3
140	8210008283	412	248	190	125	4.9
150	8210008284	437	268	205	125	5.5
160	8210008285	462	287	220	125	5.9
180	8210008286	401	298	240	125	6.1
200	8210008287	543	318	260	125	6.7
224	8210008288	600	348	290	125	7.9
250	8210008289	653	378	320	125	9.1
315	8210008291	793	453	395	125	13.3
350	8210008292	860	500	430	125	18.2
400	8210008293	975	560	480	125	21.5



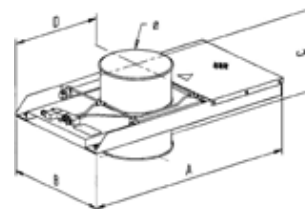
The NFMES type energy saving damper is a manually operated blast gate or sliding damper.



QF Ducting

NFES Automatic Damper

Ø mm	Item no. Galv	A mm	B mm	C mm	D mm	Wt. kg	No. of Cylinders
80	8210008267	405	160	125	130	3.5	1
100	8210008268	405	160	125	130	4.0	1
125	8210008269	435	185	125	152	4.5	1
140	8210008270	480	200	125	160	5.2	1
150	8210008271	505	220	125	175	5.5	1
160	8210008272	505	220	125	175	5.6	1
180	8210008273	560	240	125	185	6.6	1
200	8210008274	650	260	125	210	7.8	1
224	8210008275	815	416	300	335	15.9	2
250	8210008276	840	441	300	360	17.0	2
315	8210008277	970	506	300	392	22.7	2
350	8210008278	1040	541	300	410	25.3	2
400	8210008279	1140	591	300	435	29.4	2
450	8210000779	1380	641	300	460	34.3	2
500	8210000780	1480	691	300	485	40.7	2
560	8210000781	1600	751	300	515	48.3	2
630	8210000782	1740		300	575	54.7	2
710	8210000783	1940	901	300	615	65.0	2



The NFES energy saving damper is used within wood and metal working industries as a closing damper in exhaust systems when some machines, workplaces or pipelines are not in use.

The NFES 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: 220V AC (Coils for 12-24 VDC optional)

Special order item – not normally stocked in NZ

Nordfab Suction Hood

Nordfab Suction Hood is being used in process ventilation / dust collection systems to allow local source capture.

Limited stock on hand in NZ, pricing on request.

Suction Hood

Available on request. Contact AtSource for more details

No. of Connections	Item no. Galv	T mm	No. of Connections	Item no. Galv	T mm
2	8210001894	0.7	6	8210001898	0.7
3	8210001895		7	8210001899	0.9
4	8210001896		8	8210001900	0.9
5	8210001897				

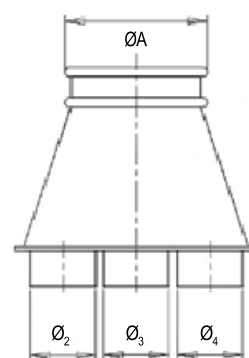
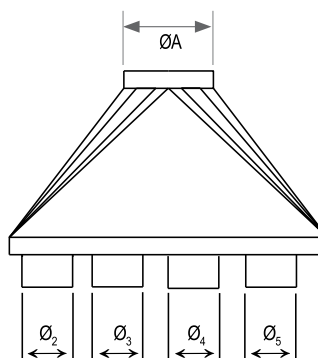


- No. of connections (X is from 2 to 8) and shape (round or rectangular) must be specified
- Ø2 edge type must be specified (example: hose connection)
- Available in diameters 100 - 710



Please Note:

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



Hose & Clamps

Nordfab Suction Hood is being used in process ventilation / dust collection systems to allow local source capture.

Hose Clamp			
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		



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



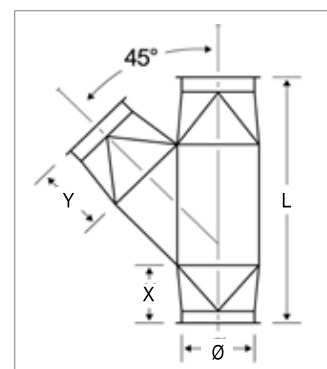
RGSM



RGBM

RGSM Manual Diverter / RGBM Automatic Diverter

Ø mm	RGSM Item No.	RGBM Item No.	L mm	X mm	Y mm	Damper blade thickness mm	Weight kg RGSM	Weight kg RGBM
100	8210000841						14.0	
125	8210000842	8210000827	400	110	110	4	14.0	18.9
140	8210000843	8210000828	495	145	145	5	17.0	22.4
150	8210000844	8210000829	495	145	145	5	17.0	22.4
160	8210000845	8210000830	495	145	145	5	17.0	22.4
180	8210000846	8210000831	560	145	145	5	17.0	22.4
200	8210000847	8210000832	560	145	145	5	20.0	22.4
225	8210000848	8210000833	735	150	150	5	20.0	25.4
250	8210000849	8210000834	855	250	250	5	20.0	30.5
300	8210000850	8210000835	940	250	250	5	23.0	36.6
315	8210000851	8210000836	1000	250	250	5	24.2	38.4
350	8210000852	8210000837	1000	250	250	6	25.6	43.9
400	8210000853	8210000838	1070	295	295	6	29.3	50.2
450	8210000854	8210000839	1125	295	295	6	32.9	51.2
500	8210000855	8210000840	1315	295	295	6	36.6	52.2



RGSM Manual Diverter /
RGBM Automatic Diverter

Please Note:
Special order item – not
normally stocked in NZ



Hangers & Installation

Nordfab offers various accessories to accompany a Quick-Fit ducting system for an enhanced performance.

KVDA Split Strap

Ø mm	Item no. Galv	Item no. 304SS	L mm	T mm
80	8210001108	8210001276	25	3
100	8210001109	8210001277	25	3
120	8210001110		25	3
125	8210001111	8210001278	25	3
140	8210001112	8210001279	25	3
150	8210001113	8210001280	25	3
160	8210001114	8210001281	25	3
180	8210001115	8210001282	25	3
200	8210001116	8210001283	25	3
224	8210001117	8210001284	25	3
250	8210001118	8210001285	25	3
280	8210001119		30	3
300	8210001120	8210001286	30	3
315	8210001111	8210001287	30	3
325	8210001122		30	3
350	8210001123	8210001288	30	3
400	8210001124	8210001289	30	3
450	8210001125	8210001290	30	3
500	8210001126	8210001291	30	3
550	8210001127		40	3
560	8210001128	8210001292	40	3
600	8210001129		40	3
630	8210001130	8210001293	40	3
650	8210001131		40	3
710	8210001132	8210001294	40	3
800	8210001133		40	3



Quick-Fit Duct System installed.

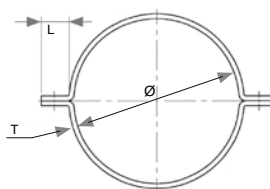
KVDD Legs for Split Strap

Ø mm	Item no. Galv	T mm	L mm	Weight kg
80 to 160	8210003377	2.5	65	0.12
180 to 315	8210003378	2.5	65	0.17
350	8210003379	2.5	235	0.35
400	8210003380	2.5	260	0.40
450	8210003381	2.5	285	0.45
500	8210003382	2.5	310	0.50
550	8210003383	3.0		0.55
600	8210003384	3.0	±.5 (ø)	0.60
650	8210003385	3.0	+ 100mm	0.65
700	8210003386	3.0		0.70
800	8210003387	3.0		0.80



Please Note:

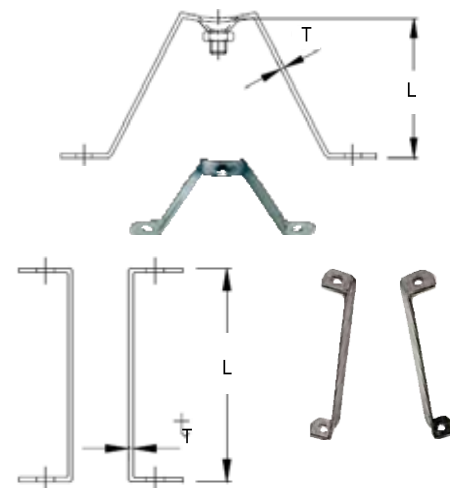
The 304SS versions of the KVDA split strap are without the Ø 8 mm hole in one of the two halves.



Duct mounted with Split Strap and Legs for Split Strap.



Galvanised Incl. bolt and nut



Quick-Fit (QF) Accessories

Nordfab offers various accessories to accompany a Quick-Fit ducting system for an enhanced performance.

Limited stock on hand in NZ, pricing on request.

Quick-Fit (QF) Ball Joint

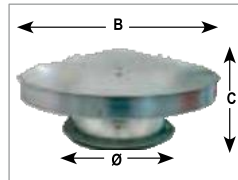
Ø mm	Item no. Galv	L mm	T mm	Weight kg
100	8210002216	280	1.0	1.00
125	8210002217	295		1.25
150	8210002218	315		1.60
200	8210002220	360		2.55
250	8210002222	350		2.80
300	8210002223	420		3.70



Weather Cowl

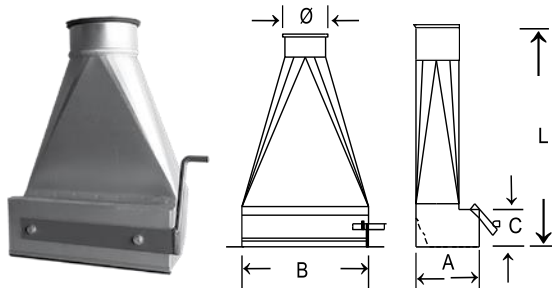
Supplied in flanged design

Ø mm	Item no. Galv	B mm	C mm	T mm	Weight kg
100	8210001882			0.9	
125	8210001883	250	150		1.50
140	8210001884	350	190		1.90
160	8210001885	350	190		2.10
180	8210001886	400	220		2.50
200	8210001887	400	220		2.55
250	8210001888	500	240		3.00
315	8210001889	650	340		5.30
350	8210001890	650	340		5.90
400	8210001891	750	371		8.10
450	8210001892	750	370		8.20
500	8210001893	950	440		9.90



Floor Sweep

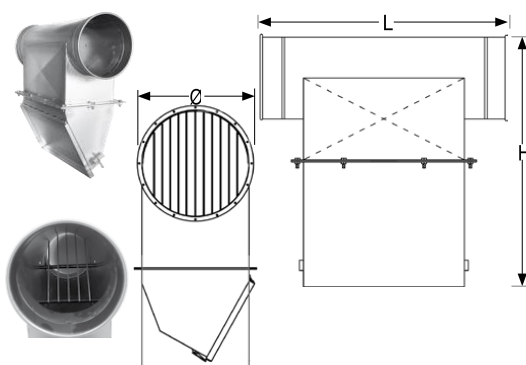
Ø mm	Item no. Galv	A mm	B mm	C mm	L mm	Weight kg
100	8210001098	150	300	75	450	1.0
125	8210001099	150	300	75	450	2.0
140	8210001100	150	300	450	2.9	2.9
150	8210001101	150	300	75	450	3.4
160	8210001102	150	300	75	450	3.8
180	8210001103	150	300	75	450	4.9
200	8210001104	150	300	75	450	4.9



Quick-Fit (QF) Drop Out Box

Ø mm	Item no. Galv	L mm	H mm	Ø mm	Item no. Galv	L mm	H mm
160	8210001915	480	495	400	8210001920	1200	975
200	8210001916	600	575	450	8210001921	1350	075
250	8210001917	750	675	500	8210001922	1500	1175
315	8210001918	945	805	560	8210001923	1500	1295
350	8210001919	1050	875				

The Drop Out Box stops large wood chips in the airstream. Inside the duct, deflectors knock chips downward into the built in hopper.



Quick-Fit (QF) Silencer

Ø mm	Item no. w/o Baffle L=1m	Item no. w/o Baffle L=0,5m	Item no. w/ Baffle L=2m	Item no. w/ Baffle L=1m	Item no. w/ Baffle L=0,5m	OD mm
100	8210001509	8210001508				300
125	8210003721	8210003720				325
140	8210001512	8210003722				340
150	8210003723	8210001514				350
160	8210003725	8210003724				360
180	8210001518	8210001517				380
200	8210003726	8210001520				400
225	8210003727	8210001522				424
250	8210003728	8210001524				450
300	8210003729	8210001526	8210001447	8210003679	8210001446	500
315	8210003730	8210001528	8210001449	8210003680	8210001448	515
350	8210003731	8210001530	8210001451	8210003681	8210001450	550
400	8210003732	8210001532	8210001453	8210003682	8210001452	600
450	8210003733	8210001534	8210001455	8210003683	8210001454	650
500	8210003734	8210001536	8210001457	8210003684	8210001456	700
560	8210003735	8210001538	8210001459	8210003685	8210001458	760
630	8210003736	8210001540	8210001461	8210003686	8210001460	830
710	8210001542	8210001541	8210003687	8210001463	8210001462	910



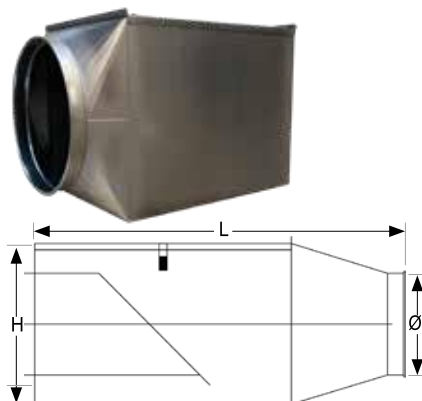
QF Silencer w/o baffle



QF Silencer w/ baffle

Quick-Fit (QF) Back Pressure Flap Valve

Ø mm	Item no. QF Galv	H mm	L mm	Weight kg
160	8210002126	250	550	4.0
200	8210002127	300	600	6.0
250	8210002128	375	706	11.0
315	8210002129	440	771	16.5
350	8210002130	475	806	22.5
400	8210002131	525	856	31.0
450	8210002132	575	906	37.5
500	8210002133	625	956	38.0
560	8210002134	685	1116	44.5
630	8210002135	755	1186	47.0
710	8210002136	835	1266	57.0



Roof Plate

Ø mm	Item no. QF Galv	Plate W /L* mm	T mm	Ø mm	Item no. QF Galv	Plate W /L* mm	T mm
100	8210001181	412	0.7	400	8210001191	712	0.9
125	8210001182	437	0.7	450	8210001192	762	0.9
140	8210001183	452	0.7	500	8210001193	812	0.9
160	8210001185	472	0.7	560	8210001194	782	0.9
180	8210001186	492	0.7	630	8210001195	942	0.9
200	8210001187	512	0.7	710	8210001196	1022	0.9
250	8210001188	562	0.7	800	8210001197	1112	0.9
315	8210001189	627	0.7	900	8210001198	1212	0.9
350	8210001190	662	0.9				



* Base Plate is square so width and length are same

Wall Plate for Pipe

Ø mm	Item no. QF Galv	Outer Ø mm	T mm	Ø mm	Item no. QF Galv	Outer Ø mm	T mm
100	8210001303	314	0.7	400	8210001316	612	0.9
125	8210001304	338	0.7	450	8210001317	662	0.9
140	8210001305	352	0.7	500	8210001318	712	0.9
160	8210001307	372	0.7	560	8210001319	772	0.9
180	8210001308	392	0.7	630	8210001320	842	0.9
200	8210001309	412	0.7	710	8210001321	922	0.9
250	8210001311	462	0.7	800	8210001322	1012	0.9
300	8210001312	512	0.7	900	8210001324	1112	0.9
315	8210001313	526	0.7	1000	8210001325		0.9
350	8210001314	562	0.9				



Jet Cowl

Ø mm	Item no. QF Galv	W	L mm	T mm	Weight kg	Ø mm	Item no. QF Galv	W	L mm	T mm	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
280	8210008193	525	660	0.7	8.1						



Jet Cowl

QF Ducting

Cable for Grounding

L Mm	Item no. QF Galv
150	8210004918
300	8210004919
500	8210004920



Cable for Grounding



- Prevents buildup of static electricity.
- **Must be requested at time order is placed -** Nordfab will provide the grounding wires as well as ductwork pre-installed with wire connection hardware.



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

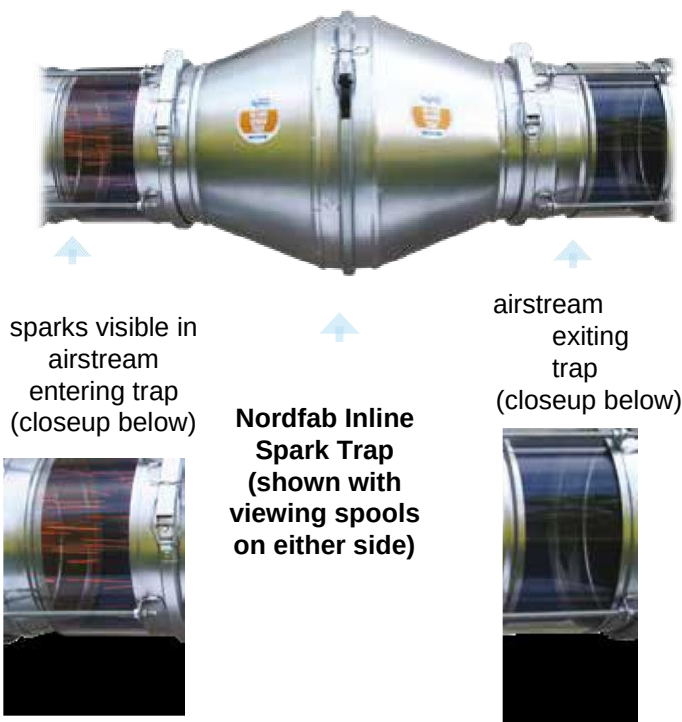
Simple, Economical Fire Protection

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 Quick-Fit ducting systems or other duct systems with use of a Nordfab Adaptor, and the trap can easily be removed for cleanout. Calibration or other assistance from a factory technician is not required.



sparks visible in
airstream
entering trap
(closeup below)

**Nordfab Inline
Spark Trap
(shown with
viewing spools
on either side)**

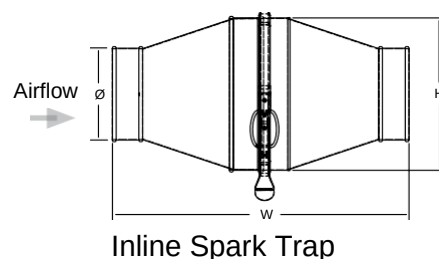
airstream
exiting
trap
(closeup below)

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.

Inline Spark Trap

Ø mm	Item no. Galv	Pressure loss in Pa at 15m / s.	Height mm	Width mm	T mm	Weight kg
100	8210001264	212	180	466	0.7	2.8
125	8210001265	212	224	504	0.7	3.2
160	8210001266	224	280	546	0.7	3.7
200	8210001267	274	350	606	0.7	5.0
250	8210001268	299	400	606	0.7	5.9
315	8210001269	336	500	676	0.7	6.8
400	8210001270	361	630	766	0.7	7.3
450	8210001271	299	710	826	0.9	15
500	8210001272	311	810	926	0.9	21
560	8210001273	300	920	1026	0.9	26
630	8210001274	315	1020	1086	0.9	33
710	8210001275	320	1150	1186	0.9	39



Flanged Duct

Flanged ductwork is normally used for larger diameters, above Ø 300. Nordfab offers two types of flanges, FLI and FLN.

Allow up to 1 week lead time from order



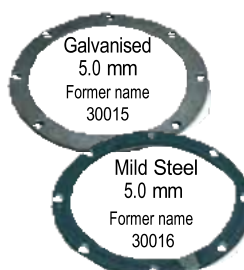
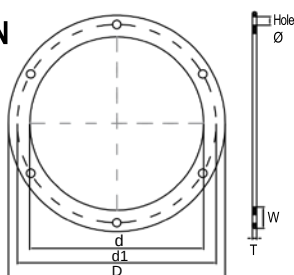
Flanges FLN

FLN Flange Dimensions in mm

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
100	8210001065	8210002047	101	127	143		20		4	0.30
125	8210001066	8210002048	126	157	178		25		4	0.47
140	8210001066	8210002049	141	172	193		25		6	0.52
150	8210001068	—	151	182	203		25		6	0.54
160	8210001069	8210002050	161	192	213		25		6	0.58
180	8210001070	8210002051	181	212	233		25		6	0.64
200	8210001071	8210002052	203	232	253		25		6	0.71
225	8210001072	8210002053	227	257	279		25		6	0.75
250	8210001073	8210002054	253	289	313		30		6	1.06
300	8210001075	—	303	339	363		30		6	1.25
315	8210001076	8210002055	317	349	377		30		8	1.30
350	8210001077	8210002056	353	387	413		30		8	1.43
400	8210001079	8210002057	404	438	464	5	30	10	12	1.62
450	8210001080	8210002058	454	488	514		30		12	1.81
500	8210001081	8210002059	504	538	564		30		12	2.00
550	8210001082	8210002060	554	588	614		30		12	2.10
650	8210001083	8210002061	565	600	625		30		12	2.22
600	8210001084	8210002062	604	640	664		30		16	3.04
630	8210001085	8210002063	635	670	695		30		16	3.19
650	8210001086	—	654	688	714		30		16	3.28
700	8210001087	8210002064	704	738	764		30		16	3.53
710	8210001088	8210002065	715	750	775		30		16	3.62
750	8210001089	—	754	788	814		30		16	4.02
800	8210001090	8210002066	804	848	884		40		16	4.22
900	8210001091	8210002067	904	949	984		40		16	4.72
1000	8210001092	8210002068	1004	1048	1084		40		16	6.20

Flanged Ducting

FLN

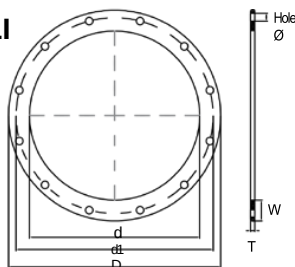


Flanges FLI

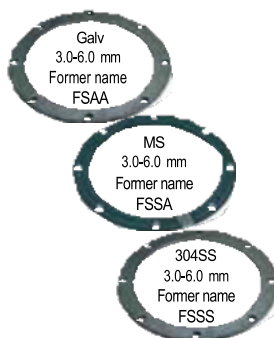
FLI Flange Dimensions in mm

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	180	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	821000364	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	464	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	1225	1300	1335	6	40	11	28	6.85

FLI



Also formerly named
Scandab flange, IV flange



Please Note:
Specify Flange material:

- Galv
- MS Mild Steel
- 304SS

Nordfab Quick-Fit Sealed (QFS) ducting

Nordfab sealed ducting is ideal for “wet” applications such as oil mist, cutting fluids and coolants. All bends, branches, reducers, and other items with joints or collars are caulked. When clamping the ductwork together, an additional nitrile gasket is placed between the parts to avoid leakage.

Who Uses Sealed Duct

- Steel mills
- Rolling mills
- Metalworking
- Rubber and plastic industry
- Hardening and heat-treating industry
- Automotive industry
- Metalwork and engineering industry when:
 - Turning - Grinding
 - Cutting - Drilling
 - Milling

Advantages for using oil mist and cutting fluid duct system

- Quick-Fit Sealed Ducting for fast installation with no special tools, no painting.
- Easy to assemble installation components.
- Neat slip duct connections to adapt and adjust ducting onsite during installation.
- Laser welded straight ducts for smoother surface and enhanced lead resistance.
- Prevent leakage on the floor, limiting risk of slippery surfaces.
- Easy to extend or take apart completely for cleaning, reconfiguring or relocation.
- Full range of accessories and installation components.
- Adaptors available to connect to and extend all other duct systems.
- All you need from one comprehensive, tried and tested range.



QFS Ducting

Oil Mist Health Hazards & Safety Risks

- Respiratory ailments
- Eczema and other skin conditions
- Increased risk of falls and related accidents
- Pollution of general ventilation system
- Damage to sensitive electronics

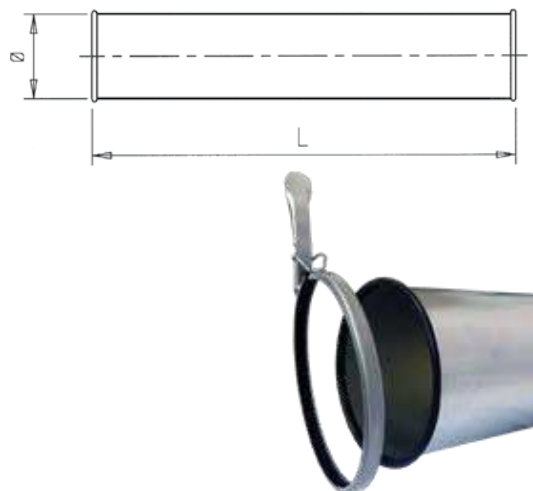


Please Note:

QFS is a special order item not normally stocked in NZ. Pricing on application

Quick-Fit Sealed (QFS) Ducting

Designed for machining and any other operations which create oil mists, Nordfab Quick-Fit Sealed (QFS) can significantly reduce the risk of leakage in the ducting. QFS features laser welded and caulked duct (solid seams eliminate leakage) and double sealing at duct connections. Ductwork is available in galvanised and stainless steel construction.



Quick-Fit (QF) Duct Lockformed (1.5 m)

Ø mm	L mm	Item no Galv	T mm	Weight kg	Item no 304SS	T mm	Weight kg
080	1200	8210008071	0.7	2.3	8210008008	0.7	2.2
100	1500	8210000906	0.7	2.8	8210000946	0.7	2.6
125	1500	8210000907	0.7	3.4	8210000947	0.7	3.2
140	1500	8210000908	0.7	4.0	8210000948	0.7	3.6
150	1500	8210000909	0.7	4.2	8210000949	0.7	3.8
160	1500	8210000910	0.7	4.5	8210000950	0.7	4.1
180	1500	8210000911	0.7	5.1	8210000951	0.7	3.95
200	1500	8210000912	0.7	5.7	8210000952	0.7	4.45
224	1500	8210000913	0.7	6.2	8210000953	0.7	4.95
250	1500	8210000914	0.7	7.1	8210000954	0.7	5.55
280	1500	8210008072	0.7	8.0			
300	1500	8210000915	0.7	8.2	8210000955	0.7	6.65
315	1500	8210000916	0.7	8.8	8210000956	0.7	6.95
350	1500	8210000917	0.7	9.9	8210000957	0.7	7.75
400	1500	8210000918	0.9	13.6	8210000958	0.9	13.3
450	1500	8210000919	0.9	15.3	8210000959	0.9	15.0
500	1500	8210000920	0.9	17.0	8210000960	0.9	16.6
560	1500	8210000921	0.9	18.7	8210000961	0.9	18.6
630	1500	8210000922	0.9	21.6	8210000962	0.9	20.9
710	1500	8210000923	0.9	24.4	8210000963	0.9	23.6

Quick-Fit Sealed (QFS) Gasket

Ø mm	Item no. Nitrile
80	8010006100
100	8010006101
125	8010006101
140	8010006102
150	8010006102
160	8010006102
180	8010006103
200	8010006104
224	8010006104
250	8010006105
300	8010006106
315	8010006106
350	8010006107
400	8010006107



Please Note:

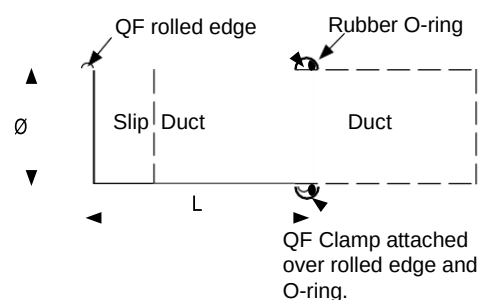
QF ductwork comes with a special seal for QFS applications. Make sure to mark your orders "QFS" and don't forget to order the QFS gasket!

Don't forget to
order clamp
and O-ring
(2pcs)!

Quick-Fit Sealed (QFS) Slip Duct Lockformed (excl. clamp + O-ring)

Ø mm	Item no. Galv	L mm	T mm	Weight kg
080	8210004783	300	0.7	0.5
100	8210004784	300	0.7	0.6
125	8210004785	300	0.7	0.7
140	8210004786	300	0.7	0.8
150	8210004787	300	0.7	0.9
160	8210004788	300	0.7	0.9
180	8210004789	300	0.7	1.0
200	8210004790	300	0.7	1.2
224	8210004791	300	0.7	1.3
250	8210004792	300	0.7	1.4
280	8210008006	300	0.7	1.5
300	8210004793	300	0.7	1.7
315	8210004794	300	0.7	1.8
350	8210004795	300	0.7	2.0
400	8210004796	300	0.9	2.9

Please Note:
QF ductwork comes with a special seal for QFS applications. Make sure to mark your orders "QFS" and don't forget to order the QFS gasket!



QFS Ducting

Quick-Fit Sealed (QFS) Premium Clamp Kit with gasket

Ø mm	Item no. Galv	Weight kg
080	8210000712	0.11
100	8210000713	0.12
125	8210000714	0.14
140	8210000715	0.15
150	8210000716	0.19
160	8210000717	0.24
180	8210000718	0.27
200	8210000719	0.28
224	8210000720	0.30
250	8210000721	0.32
300	8210000722	0.59
315	8210000723	0.63
350	8210000724	0.69

Quick-Fit (QF) O-Ring EPDM seal

Ø mm	Item no. EPDM	Weight kg
080	8210001148	0.02
100	8210001149	0.03
125	8210001150	0.04
140	8210001151	0.04
150	8210001152	0.05
160	8210001153	0.05
180	8210001154	0.06
200	8210001155	0.06
224	8210001156	0.07
250	8210001157	0.08
300	8210001158	0.10
315	8210001159	0.11
350	8210001160	0.12
400	8210001161	0.14

O-Ring for QFS Slip Duct EPDM seal

Ø mm	Item no. EPDM	Weight kg
080	8210001661	0.02
100	8210001662	0.03
125	8210001663	0.04
140	8210001664	0.05
150	8210001665	0.05
160	8210001666	0.06
180	8210001667	0.06
200	8210001668	0.07
224	8210001669	0.08
250	8210001670	0.10
300	8210001671	0.12
315	8210001672	0.13
350	8210001673	0.14
400	8210001674	0.16

Quick-Fit Sealed (QFS) Pressed Bends (long radius)

Duct bends allow airflow direction change in a run of duct. Standard Quick-Fit Sealed (QFS) Pressed Bends are available in 90°, 60°, 45°, 30°, and 15°. R = 1.5 diameter to centreline. Also available with 1 x diameter to centreline.



QFS 90° Pressed Bends (long radius) R = 1.5x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight
080	8210000238	120		0.4
100	8210000243	150		0.5
125	8210000248	190		0.8
140	8210000253	210		0.9
150	8210000258	225		1.1
160	8210000263	240	0.9	1.2
180	8210000268	270		1.6
200	8210000273	300		1.9
224	8210000278	337		2.4
250	8210000283	375		3.0
300	8210000288	450		3.2
315	8210000293	472		5.0

QFS 60° Pressed Bends (long radius) R = 1.5x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight
080	8210000237	120		0.3
100	8210000242	150		0.4
125	8210000247	190		0.6
140	8210000252	210		0.7
150	8210000257	225		0.7
160	8210000262	240	0.9	0.8
180	8210000267	270		1.2
200	8210000272	300		1.3
224	8210000277	337		1.7
250	8210000282	375		1.9
300	8210000287	450		2.4
315	8210000292	472		2.5

QFS 45° Pressed Bends (long radius) R = 1.5x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight
080	8210000236	120		0.2
100	8210000241	150		0.3
125	8210000246	190		0.4
140	8210000251	210		0.4
150	8210000256	225		0.5
160	8210000261	240	0.9	0.6
180	8210000266	270		0.9
200	8210000271	300		1.0
224	8210000276	337		1.6
250	8210000281	375		1.6
300	8210000286	450		2.3
315	8210000291	472		2.4

QFS 30° Pressed Bends (long radius) R = 1.5x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight
080	8210000235	120		0.2
100	8210000240	150		0.3
125	8210000245	190		0.3
140	8210000250	210		0.4
150	8210000255	225		0.5
160	821000026	240	0.9	0.5
180	8210000265	270		0.7
200	8210000270	300		0.9
224	8210000275	337		1.3
250	8210000280	375		1.5
300	8210000285	450		2.2
315	8210000290	472		2.2

QFS 30° Pressed Bends (long radius) R = 1.5x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight
080	8210000234	120		0.1
100	8210000239	150		0.2
125	8210000244	190		0.4
140	8210000249	210		0.4
150	8210000254	225		0.4
160	8210000259	240	0.9	0.4
180	8210000264	270		0.5
200	8210000269	300		0.7
224	8210000274	337		0.9
250	8210000279	375		0.9
300	8210000284	450		1.3
315	8210000289	472		1.3



Please Note:
Don't forget to order the QFS gasket!



Quick-Fit Sealed Bend, 30°

Quick-Fit Sealed (QFS) Segmented Bends

Duct bends allow airflow direction change in a run of duct. Standard Quick-Fit Sealed (QFS) Segmented Bends are available in 90°, 60°, 45°, 30°, and 15°.



QFS 90° Segmented Bends

R = 1.5 x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight kg
350	8210000675	525	0.7	6.8
400	8210000680	600		8.8

QFS 60° Segmented Bends

R = 1.5 x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight kg
350	8210000674	525	0.7	4.8
400	8210000679	600		6.3

QFS 45° Segmented Bends

R = 1.5 x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight kg
350	8210000673	525	0.7	3.8
400	8210000678	600		5.1

QFS 30° Segmented Bends

R = 1.5 x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight kg
350	8210000672	525	0.7	2.9
400	8210000677	600		3.8

QFS 15° Segmented Bends

R = 1.5 x diameter to centreline

Ø mm	Item no. QFS Galv	R mm	T mm	Weight kg
350	8210000671	525	0.7	2.9
400	8210000676	600		3.8



QFS Ducting



Please Note:
Don't forget to order the QFS gasket!

QFS Segmented Bends allow airflow direction change in a run of duct.



Quick-Fit Sealed (QFS) Branches

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

Quick-Fit Sealed (QFS) Branch Standard

Ø A mm	Ø B mm	Ø C mm	Item no. 30° QFS Galv	Item no. 45° QFS Galv	T mm
80	80	80	8240003177	8240062984	
100	100	100	8240003180	8240061165	
125	125	125	8240003186	8240061174	
140	140	140	8240003196	8240061193	
150	150	150	8240003211	8240061227	
160	160	160	8240003232	8240061282	
180	180	180	8240003260	8240061365	
200	200	200	8240003296	8240061484	0.7
224	224	224	8240003341	8240061648	
250	250	250	8240003396	8240061867	
300	300	300	8240003451	8240062152	
315	315	315	8240003517	8240062515	
350	350	350	8240003583	8240062969	
400	400	400	8240003661	8240063529	0.9



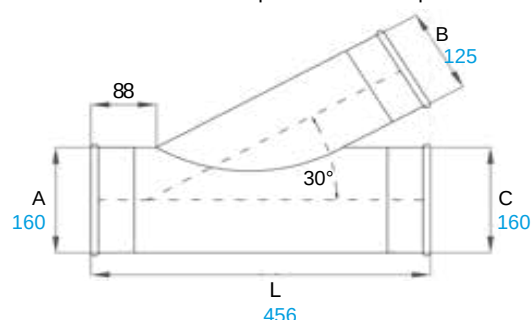
Please Note:

For Branches with other end dimensions than presented in our charts, order by description or visit www.nordfab.com for current item codes. Don't forget to order QFS gasket!

$$L = (B \times 2) + 206$$

$$\text{Example } L = (125 \times 2) + 206 = 456$$

Length of B leg and C leg is always equal
 ØC must be smaller than or equal to ØA
 ØB must be smaller than or equal to ØC



Quick-Fit Sealed Branch, 30°

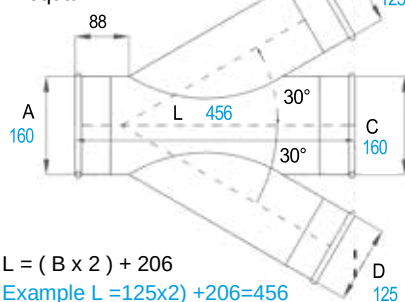
Quick-Fit Sealed (QFS) Double Branch

Ø A mm	Ø B mm	Ø C mm	Ø D mm	Item no. 30° QFS Galv	Item no. 45° QFS Galv	T mm
080	080	080	080	8240004245		
100	100	100	100	8240004248	8240061165	
125	125	125	125	8240004254	8240061174	
140	140	140	140	8240004264	8240061193	
150	150	150	150	8240004279	8240061227	
160	160	160	160	8240004300	8240061282	
180	180	180	180	8240004328	8240061365	
200	200	200	200	8240004364	8240061484	0.7
224	224	224	224	8240004409	8240061648	
250	250	250	250	8240004464	8240061867	
300	300	300	300	8240004519	8240062152	
315	315	315	315	8240004585	8240062515	
350	350	350	350	8240004651	8240062969	
400	400	400	400	8240004729	8240063529	0.9

Quick-Fit Sealed Double Branch, 30°.



Length of B leg, C leg, and D leg is always equal



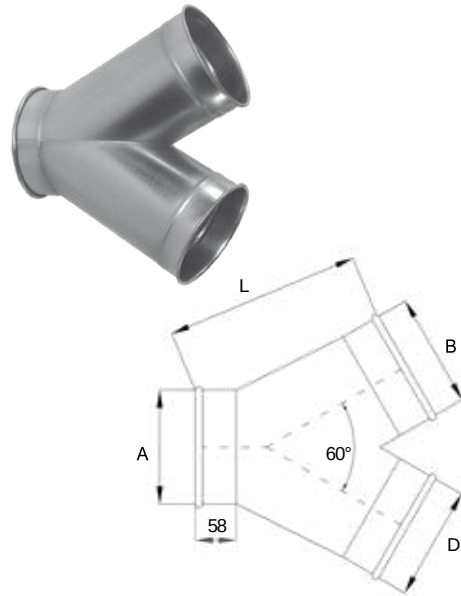
$$L = (B \times 2) + 206$$

$$\text{Example } L = (125 \times 2) + 206 = 456$$

ØC must be smaller than or equal to ØA
 ØB must be smaller than or equal to ØC
 ØD must be smaller than or equal to ØC

Quick-Fit Sealed (QFS) Y Branch, 60° (Breeches)

Ø A mm	Ø B mm	Ø D mm	Item no. QFS Galv	T mm
080	080	080	8240003662	0.7
100	100	100	8240003664	
125	125	125	8240003667	
140	140	140	8240003671	
150	150	150	8240003676	
160	160	160	8240003682	
180	180	180	8240003689	
200	200	200	8240003697	
224	224	224	8240003706	
250	250	250	8240003716	
300	300	300	8240003726	
315	315	315	8240003737	
350	350	350	8240003748	
400	400	400	8240003760	0.9



$$L = A + 100$$

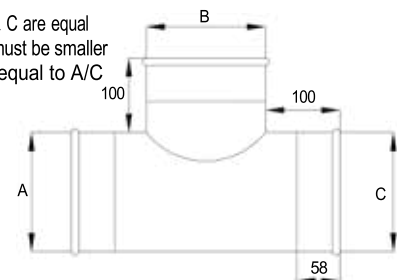
B and D must be smaller than or equal to A

Quick-Fit Sealed (QFS) T-Branch

Ø A mm	Ø B mm	Item no. QFS Galv	T mm
080	080	8240009170	0.7
100	100	8240009172	
125	125	8240009175	
140	140	8240009179	
150	150	8240009184	
160	160	8240009190	
180	180	8240009197	
200	200	8240009205	
224	224	8240009214	
250	250	8240009224	
300	300	8240009235	
315	315	8240009246	
350	350	8240009257	
400	400	8240009268	0.9



A & C are equal
B must be smaller
or equal to A/C



Quick-Fit Sealed (QFS) Adaptors

Nordfab Quick-Fit Sealed (QFS) clip-together or flanged duct adaptors allow connections to machinery as well as ductwork with other connection types.

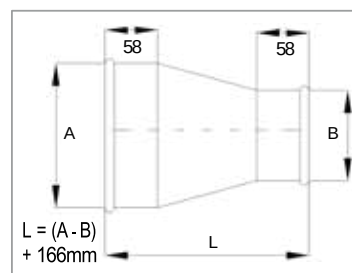


Please Note:

Available in stainless steel material as well. For products with other end dimensions than presented in our charts, visit our website (www.nordfab.com) for current item codes.

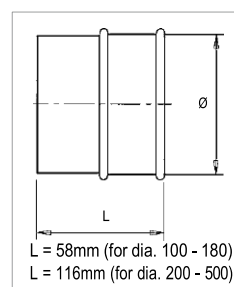
Quick-Fit Sealed (QFS) Double Branch

Ø A mm	Ø B mm	Item no. QFS Galv	T mm	Ø A mm	Ø B mm	Item no. QFS Galv	T mm
100	80	8240003092	0.7	224	200	8240003127	0.7
125	80	8240003093		250	200	8240003135	0.7
125	100	8240003094		250	224	8240003136	0.7
140	80	8240003095		300	200	8240003144	0.7
140	100	8240003096		300	250	8240003146	0.7
140	125	8240003097		315	300	8240003156	0.7
150	140	8240003101		350	300	8240003165	0.7
160	100	8240003103		350	315	8240003166	0.7
160	125	8240003104		400	300	8240003174	0.9
160	150	8240003106		400	315	8240003175	0.9
180	160	8240003112		400	350	8240003176	0.9
200	100	8240003114					
200	125	8240003115					



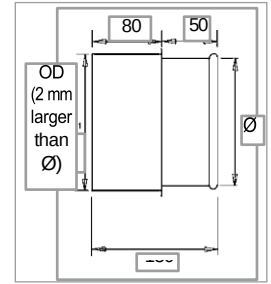
Quick-Fit Sealed (QFS) Ventilation Adaptor

Ø mm	Item no. QFS Galv	T mm Galv	T mm 304SS
080	8210000125	0.7	0.7
100	8210000126	0.7	0.7
125	8210000127	0.7	0.7
140	8210000128	0.7	0.7
150	8210000129	0.7	0.7
160	8210000130	0.7	0.7
180	8210000131	0.7	0.7
200	8210000132	0.7	0.7
224	8210000133	0.7	0.7
250	8210000134	0.7	0.7
300	8210000135	0.7	0.7
315	8210000136	0.7	0.7
350	8210000137	0.7	0.7
400	8210000138	0.9	0.7



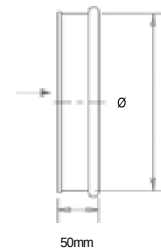
Quick-Fit Sealed (QFS) Machine Adaptor Expanded

Ø mm	Item no. QFS Galv	T mm	Ø mm	Item no. QFS Galv	T mm
080	8210000038	0.7	180	8210000044	0.7
100	8210000039	0.7	200	8210000045	0.7
125	8210000040	0.7	224	8210000046	0.7
140	8210000041	0.7	250	8210000047	0.7
150	8210000042	0.7	300	8210000048	0.7
160	8210000043	0.7			



Quick-Fit Sealed (QFS) End Cap

Ø mm	Item no. Galv	T mm	Weight kg	Ø mm	Item no. Galv	T mm	Weight kg
080	8210001050	0.7	0.09	200	8210001057	0.7	0.40
100	8210001051	0.7	0.13	224	8210001058	0.7	0.49
125	8210001052	0.7	0.18	250	8210001059	0.7	0.62
140	8210001053	0.7	0.22	300	8210001060	0.7	0.88
150	8210001054	0.7	0.24	315	8210001061	0.7	1.15
160	8210001055	0.7	0.26	350	8210001062	0.7	1.60
180	8210001056	0.7	0.35	400	8210001063	0.9	2.12



Quick-Fit Sealed Dampers

Nordfab Quick-Fit Sealed dampers are manual or pneumatic operated. The shaft is sealed.

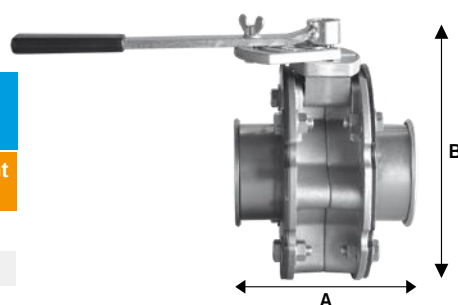


Not normally stocked, please enquire for lead time and pricing



Quick-Fit Sealed (QFS) Manual Damper

Ø mm	Item no.	A mm	B mm	Weight kg	Ø mm	Item no.	A mm	B mm	Weight Kg
100	8210000805	185	250	6	300	8210000809	185	440	10
160	8210003389	385	290	7	350	8210000810	485	440	11.5
200	8210000807	185	340	9	400	8210000811	485	440	11.5
250	8210000808	185	390	10					



Quick-Fit Sealed (QFS) Automatic Damper

Ø mm	Item no.	A mm	B mm	Weight kg	Ø mm	Item no.	A mm	B mm	Weight kg
100	8210000798	185	390	7.5	300	8210000802	185	580	11.5
160	8210003390	385	430	8.5	350	8210000803	485	580	13
200	8210000800	185	480	10.5	400	8210000804	485	580	13
250	8210000801	185	530	11.5					



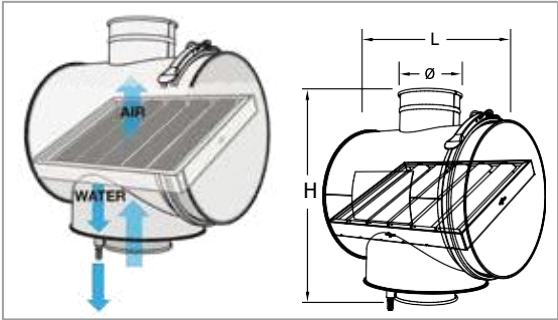
Special Applications

Nordfab's Quick-Fit Sealed (QFS) Oil Mist Drain extracts oil to minimise the amount of oil flowing through the process ventilation system.

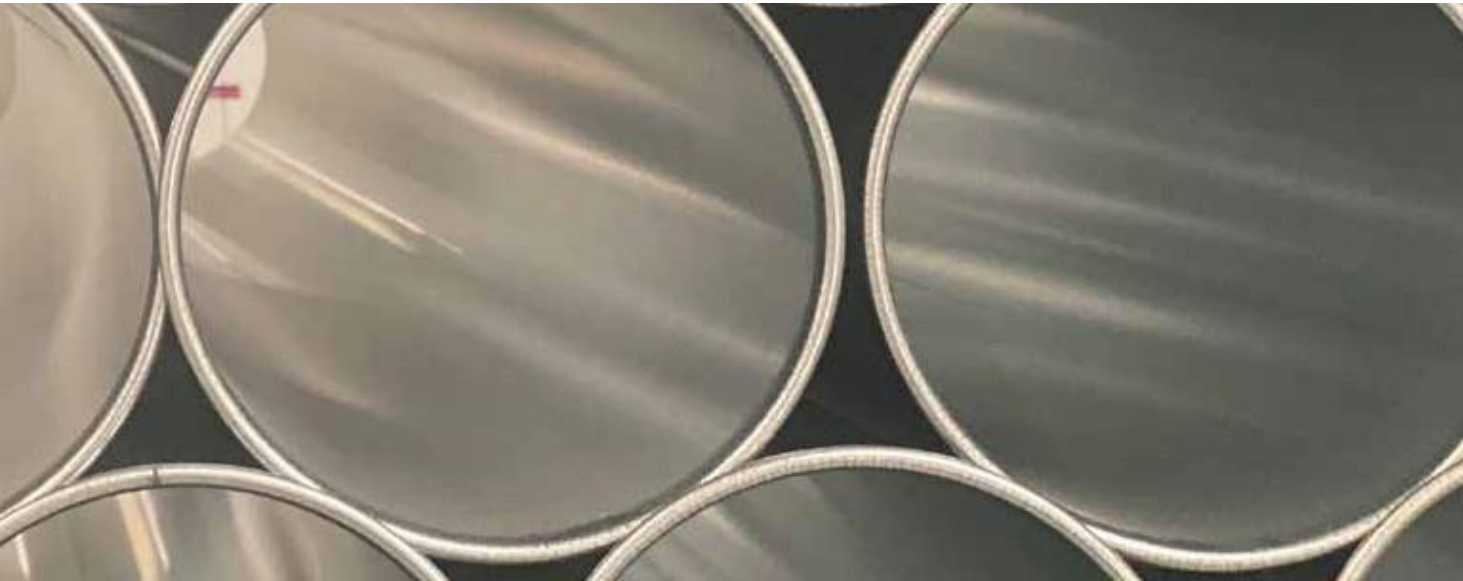
Oil Mist Drain					
Ø mm	Item no. Galv	A mm	B mm	Baffle Size mm	T mm
80	8210001134	385	450	370 x 240	
100	8210001135	385	450	370 x 240	
125	8210001136	385	450	370 x 240	
140	8210001137	385	450	370 x 240	
150	8210001138	385	450	370 x 240	
160	8210001139	525	600	513 x 385	
180	8210001140	525	600	513 x 385	
200	8210001141	525	600	513 x 385	
224	8210001142	525	600	513 x 385	
250	8210001143	525	600	513 x 385	
300	8210001144	635	700	625 x 488	
315	8210001145	635	700	625 x 488	
350	8210001146	635	700	625 x 488	
400	8210001147	635	700	625 x 488	



0.9

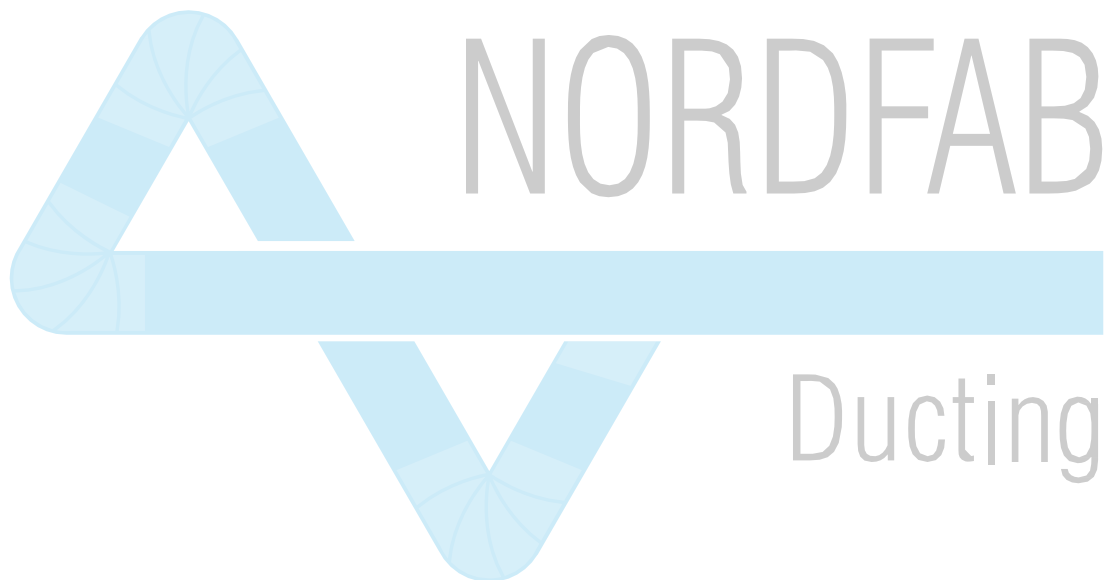


QFS Ducting



Notes

Notes Section



**Nordfab New Zealand
Dealer**

AtSource North Island
Unit 4/24 Oakleigh Ave
Takanini
2112
Auckland

AtSource South Island
Woodend
Christchurch

atsource

www.atsource.co.nz • 0800 287 687 • sales@atsource.co.nz