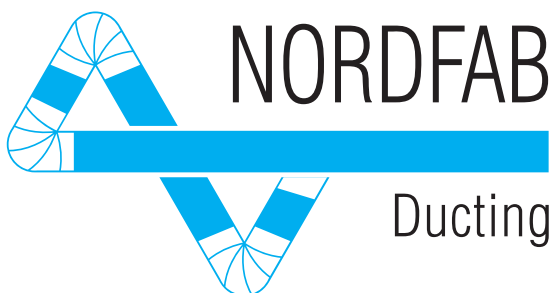


HYGIDUCT PRODUCT CATALOGUE

VERSION 1:2026, ENGLISH

All the ducting
components
needed for food-
waste environments.

• 304SS • 316SS



www.nordfab.com/en-au

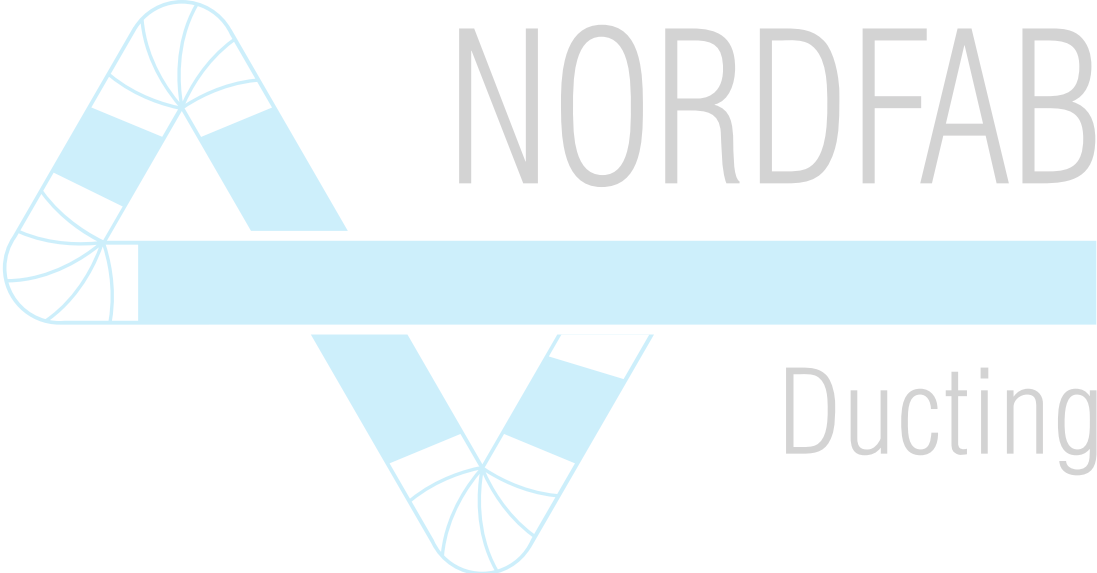


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The world's fastest ducting

Nordfab is a leading manufacturer of modular ducting systems, trusted across the world for delivering efficient solutions in industrial air filtration and material handling. With decades of experience, Nordfab combines innovation with reliability, offering products that meet the highest standards of performance and safety. We have sales and manufacturing facilities in the USA, Denmark, the UK, Thailand, and Australia, and our ducting solution is an integral part of process ventilation, dust collection, and fume extraction systems for industries around the world.

Selecting the appropriate ducting

In food waste environments, ducting must be engineered for uncompromising hygiene, safety, and regulatory compliance. Organic dust from processing and waste handling can quickly accumulate inside poorly designed duct systems, leading to contamination risks, microbial growth, and odours that compromise sanitation standards. To meet the stringent expectations of the food waste industry, Nordfab is offering HygiDuct, a fully laser-welded ducting solution with smooth, crevice-free interiors that prevent material build-up. The ducting components are manufactured from corrosion-

resistant materials suitable for washdown, and incorporate secure, leak-tight joints to protect air quality.

Efficiency meets flexibility

Nordfab HygiDuct ducting system is modular, enabling quick assembly and easy reconfiguration as your needs evolve. Whether you're retrofitting an existing plant or designing a new waste handling line, our team can help you build a compliant, efficient, and hygienic solution, including our laser-welded Nordfab HygiDuct ducting system.

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 1400:2015 certified, ensuring our dependability, quality, service, delivery, and minimum impact on the environment.

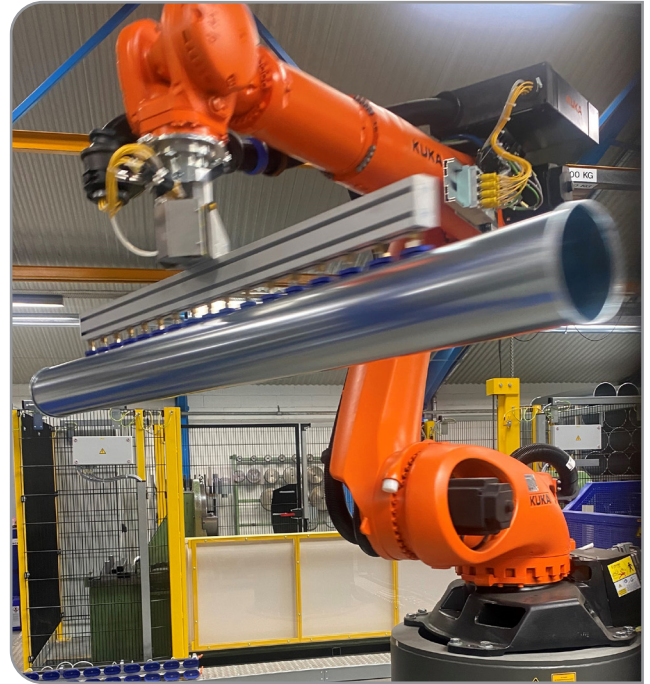


General Conditions of Sale

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



General Conditions of Sale
for Nordfab Australia.



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.

How to contact Nordfab Australia:

E-mail Order:

contact@nordfab.com

Phone Order:

800 - 673 828

Internet:

www.nordfab.com/en-au

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. 20% restocking charge 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 check our website, www.nordfab.com.

Hours of operation

Weekdays 8 am - 4.30 pm.

Steel Mill certifications

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

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	14 m/s	16 m/s	18 m/s	20 m/s	22 m/s	25 m/s	27 m/s	29 m/s	31 m/s
76	163	196	229	261	294	326	359	408	441	473	506
102	294	353	412	470	529	588	647	735	794	853	911
127	456	547	638	729	820	912	1003	1140	1231	1322	1413
152	653	784	914	1045	1175	1306	1436	1632	1763	1893	2024
203	1165	1397	1630	1863	2096	2329	2562	2911	3144	3377	3610
224	1418	1702	1985	2269	2552	2836	3120	3545	3829	4112	4396
250	1766	2120	2473	2826	3179	3533	3886	4416	4769	5122	5475
300	2543	3052	3561	4069	4578	5087	5595	6359	6867	7376	7885
315	2804	3365	3926	4487	5047	5608	6169	7010	7571	8132	8693
350	3462	4154	4847	5539	6231	6924	7616	8655	9347	10039	10732
400	4522	5426	6330	7235	8139	9043	9948	11304	12208	13113	14017

AIR PRESSURE DROP CHART														
Ø mm	Pressure drop (Pa) each meter duct c (m/s)				Pressure drop (mmH2O) each meter duct c (m/s)				Bend 90° Pressure drop (Pa) c (m/s)			Bend 90° Pressure drop (H2O) c (m/s)		
	15 m/s	20 m/s	25 m/s	30 m/s	15 m/s	20 m/s	25 m/s	30 m/s	20 m/s	25 m/s	30 m/s	20 m/s	25 m/s	30 m/s
76	42.7	73.7	113.0	160.5	4.4	7.5	11.5	16.4	49.9	78.0	112.3	5.1	8.0	11.5
102	29.3	50.6	77.6	110.2	3.0	5.2	7.9	11.2	49.4	77.3	111.2	5.0	7.9	11.3
127	22.3	38.6	59.2	84.1	2.3	3.9	6.0	8.6	49.0	76.5	110.2	5.0	7.8	11.2
152	17.8	30.8	47.2	67.1	1.8	3.1	4.8	6.8	48.5	75.8	109.1	4.9	7.7	11.1
203	12.4	21.5	32.9	46.8	1.3	2.2	3.4	4.8	48.0	75.0	108.0	4.9	7.6	11.0
224	11.4	20.3	31.7	45.6	1.2	2.1	3.2	4.7	53.4	83.3	119.6	5.5	8.5	12.2
250	10.2	17.3	27.0	38.9	1.0	1.8	2.8	4.0	52.8	82.4	118.1	5.4	8.4	12.1
300	8.1	14.2	22.1	32.4	0.8	1.4	2.3	3.3	52.2	81.4	116.7	5.3	8.3	11.9
350	6.6	11.7	18.2	26.4	0.7	1.2	1.9	2.7	51.6	80.4	115.2	5.3	8.2	11.8
400	5.7	9.7	15.0	21.6	0.6	1.0	1.5	2.2	51.0	79.4	113.7	5.2	8.1	11.6



Quick Tick Online (QTO)

Nordfab's online ordering tool:

- Create quotes 24/7
- Streamline your ordering process
- Efficiently manage and fulfill customer requests with speed and precision.



Place orders 24/7

Being an authorised Nordfab Dealer gives you access to many of our prominent sales tools. Quick Tick Online, or QTO, being one of them. QTO is Nordfab's online ordering system application that allows the user to create quotes 24/7, streamline the ordering process, and efficiently manage and fulfill customer requests with speed and precision.

It is easy to access QTO through the Nordfab website, and it is available 24/7. You will no longer have to wait for pricing or availability information on our standard items - all this information is available at your fingertips.

Another great benefit of QTO is that it performs automatic calculation of clamps needed. In other words, eliminate human errors, start using our fast, friendly, and reliable online quoting tool QTO today! It has never been easier to streamline your ordering process and efficiently manage and fulfill customer requests with speed and precision.

Request your QTO access by emailing contact@nordfab.com.



Nordfab HygiDuct*

Sets a new benchmark for hygienic, compliant, and reliable ducting in food-waste environments.

*Not suitable for applications where food ingredients for processing are directly in contact with the ducting.

Nordfab HygiDuct

Clean Air, Clean Process: Fully Laser-Welded Ducting

In manufacturing environments - where hygiene, and compliance are non-negotiable e.g. food manufacturing - dust generated from ingredients, powders, and waste streams poses serious risks. If you're handling waste, your facility needs a dust collection solution that's robust, hygienic, and regulation-ready.

Fully Laser-Welded Nordfab HygiDuct

The fully laser-welded ducting system, Nordfab HygiDuct, is purpose-built for demanding conditions of various manufacturing environments, such as food-waste. Engineered to handle the challenges of organic dust, heavy contamination loads, and frequent high-pressure washdown, Nordfab HygiDuct delivers exceptional hygiene and durability. Its ultra-smooth, crevice-free interior prevents material build-up and significantly reduces the risk of contamination, microbial growth, and unwanted odours—helping facilities maintain cleaner, safer, and more compliant operations.



Benefits of Nordfab HygiDuct

- **Superior Hygiene:** Smooth, fully laser-welded seams prevent dust buildup and eliminate bacterial growth.
- **Leak-Tight Performance:** Its laser-welded seams offer airtight integrity, reducing emissions and improving system efficiency. Engineered for durability and performance, the ducting components feature robust standard 1.2 mm wall thickness and raw ends for seamless integration, secured with high-vacuum, food-grade clamps that ensure a tight, hygienic seal.
- **Corrosion Resistance:** Available in 316SS, resisting acids, moisture, and harsh cleaning agents - ideal for food waste and organic dust environments.
- **Modular & Scalable:** Easily adaptable to new layouts or expansions as the components are available as straight ducts, bends, branches, reducers, and clamps - everything needed to build a robust ducting system.

TUBE & PIPE CONNECTOR FOR HYGIDUCT DUCTING SYSTEMS

Nordfab HygiDuct straight tubes and pipe connectors are available in 76 - 400 mm in diameter. Smaller diameter sizes are available upon request.

STRAIGHT TUBE				
Ø mm	Length mm	Material	Thickness mm	Item Number
76	1500	304SS	1.6	9910003890
102	1500	304SS	1.6	9910003891
127	1500	304SS	1.6	9910003892
152	1500	304SS	1.6	9910003893
203	1500	304SS	1.2	9910003894
224	1500	304SS	1.2	9910003895
250	1500	304SS	1.2	9910003896
300	1500	304SS	1.2	9910003897
315	1500	304SS	1.2	9910003898
350	1500	304SS	1.2	9910003899
400	1500	304SS	1.2	9910003900
76	1500	316SS	1.6	9910003923
102	1500	316SS	1.6	9910003924
127	1500	316SS	1.6	9910003925
152	1500	316SS	1.6	9910003926
203	1500	316SS	1.2	9910003927
224	1500	316SS	1.2	9910003928
250	1500	316SS	1.2	9910003929
300	1500	316SS	1.2	9910003930
315	1500	316SS	1.2	9910003931
350	1500	316SS	1.2	9910003932
400	1500	316SS	1.2	9910003933

PIPE CONNECTOR			
ØA mm	Length mm	Material	Item Number
76	150	304SS	9910003956
102	150	304SS	9910003957
127	150	304SS	9910003958
152	150	304SS	9910003959
203	150	304SS	9910003960
224	150	304SS	9910003961
250	150	304SS	9910003962
300	150	304SS	9910003963
315	150	304SS	9910003964
350	150	304SS	9910003965
400	150	304SS	9910003966
76	150	316SS	9910003967
102	150	316SS	9910003968
127	150	316SS	9910003969
152	150	316SS	9910003970
203	150	316SS	9910003971
224	150	316SS	9910003972
250	150	316SS	9910003973
300	150	316SS	9910003974
315	150	316SS	9910003975
350	150	316SS	9910003976
400	150	316SS	9910003977



Nordfab HygiDuct Straight Tube is available in 1500 mm length.



Nordfab HygiDuct Pipe Connector.

BENDS FOR HYGI DUCT DUCTING SYSTEMS

Nordfab HygiDuct bends are available in 45 degree or 90 degree angles. Standard sizes are 76 - 400 mm in diameter, smaller diameter sizes are available upon request.

BEND 90° CLR = 1.5 X D					
Ø mm	Angle Degree	Material	Type	Thickness mm	Item Number
76	90	304SS	Pressed	1.6	9910003901
102	90	304SS	Pressed	1.6	9910003902
127	90	304SS	Pressed	1.6	9910003903
152	90	304SS	Segmented	1.2	9910003904
203	90	304SS	Segmented	1.2	9910003905
224	90	304SS	Segmented	1.2	9910003906
250	90	304SS	Segmented	1.2	9910003907
300	90	304SS	Segmented	1.2	9910003908
315	90	304SS	Segmented	1.2	9910003909
350	90	304SS	Segmented	1.2	9910003910
400	90	304SS	Segmented	1.2	9910003911
76	90	316SS	Pressed	1.6	9910003934
102	90	316SS	Pressed	1.6	9910003935
127	90	316SS	Pressed	1.6	9910003936
152	90	316SS	Segmented	1.2	9910003937
203	90	316SS	Segmented	1.2	9910003938
224	90	316SS	Segmented	1.2	9910003939
250	90	316SS	Segmented	1.2	9910003940
300	90	316SS	Segmented	1.2	9910003941
315	90	316SS	Segmented	1.2	9910003942
350	90	316SS	Segmented	1.2	9910003943
400	90	316SS	Segmented	1.2	9910003944

BEND 45° CLR = 1.5 X D					
Ø mm	Angle Degree	Material	Type	Thickness mm	Item Number
76	45	304SS	Pressed	1.6	9910003912
102	45	304SS	Pressed	1.6	9910003913
127	45	304SS	Pressed	1.6	9910003914
152	45	304SS	Segmented	1.2	9910003915
203	45	304SS	Segmented	1.2	9910003916
224	45	304SS	Segmented	1.2	9910003917
250	45	304SS	Segmented	1.2	9910003918
300	45	304SS	Segmented	1.2	9910003919
315	45	304SS	Segmented	1.2	9910003920
350	45	304SS	Segmented	1.2	9910003921
400	45	304SS	Segmented	1.2	9910003922
76	45	316SS	Pressed	1.6	9910003945
102	45	316SS	Pressed	1.6	9910003946
127	45	316SS	Pressed	1.6	9910003947
152	45	316SS	Segmented	1.2	9910003948
203	45	316SS	Segmented	1.2	9910003949
224	45	316SS	Segmented	1.2	9910003950
250	45	316SS	Segmented	1.2	9910003951
300	45	316SS	Segmented	1.2	9910003952
315	45	316SS	Segmented	1.2	9910003953
350	45	316SS	Segmented	1.2	9910003954
400	45	316SS	Segmented	1.2	9910003955



Nordfab HygiDuct Pressed Bend, 90°



Nordfab HygiDuct Segmented Bend, 45°

BRANCHES FOR HYGIDUCT DUCTING SYSTEMS

Branches are used to port to machine outlets or other duct lines. Nordfab HygiDuct branches are available in 76 - 400 mm in diameter. Smaller diameter sizes are available upon request. Standard branches are 45°. ØC must be smaller than or equal to ØA. ØB must be smaller than or equal to ØC.

Please Note:
Branches with other end dimensions than presented in our charts, are available upon request.

STANDARD BRANCH, 45°					
ØA mm	ØB mm	ØC mm	Material	Thickness mm	Item Number
76	76	76	304SS	1.2	9910004010
102	102	102	304SS	1.2	9910004011
127	127	127	304SS	1.2	9910004012
152	152	152	304SS	1.2	9910004013
203	203	203	304SS	1.2	9910004014
224	224	224	304SS	1.2	9910004015
250	250	250	304SS	1.2	9910004016
300	300	300	304SS	1.2	9910004017
315	315	315	304SS	1.2	9910004018
350	350	350	304SS	1.2	9910004019
400	400	400	304SS	1.2	9910004020
76	76	76	316SS	1.2	9910004021
102	102	102	316SS	1.2	9910004022
127	127	127	316SS	1.2	9910004023
152	152	152	316SS	1.2	9910004024
203	203	203	316SS	1.2	9910004025
224	224	224	316SS	1.2	9910004026
250	250	250	316SS	1.2	9910004027
300	300	300	316SS	1.2	9910004028
315	315	315	316SS	1.2	9910004029
350	350	350	316SS	1.2	9910004030
400	400	400	316SS	1.2	9910004031



Nordfab HygiDuct Standard Branch, 45 degree.

ADAPTORS FOR HYGIDUCT DUCTING SYSTEMS

Adaptors allow connections to machinery as well as ductwork with other connection types. Nordfab HygiDuct adaptors are available in 76 - 400 mm in diameter. Smaller diameter sizes are available upon request.

REDUCER

ØA mm	ØB mm	Material	Thickness mm	Item Number
102	76	304SS	1.2	9910004032
127	102	304SS	1.2	9910004033
152	127	304SS	1.2	9910004034
203	152	304SS	1.2	9910004035
224	203	304SS	1.2	9910004036
250	224	304SS	1.2	9910004037
300	250	304SS	1.2	9910004038
315	300	304SS	1.2	9910004039
350	315	304SS	1.2	9910004040
400	350	304SS	1.2	9910004041



Nordfab HygiDuct Reducer.

ADAPTOR HOSE

ØA mm	Material	Thickness mm	Item Number
76	304SS	1.2	9910004000
102	304SS	1.2	9910004001
127	304SS	1.2	9910004002
152	304SS	1.2	9910004003
203	304SS	1.2	9910004004
76	316SS	1.2	9910004005
102	316SS	1.2	9910004006
127	316SS	1.2	9910004007
152	316SS	1.2	9910004008
203	316SS	1.2	9910004009



Nordfab HygiDuct Adaptor Hose.

DAMPERS FOR HYGIDUCT DUCTING SYSTEMS

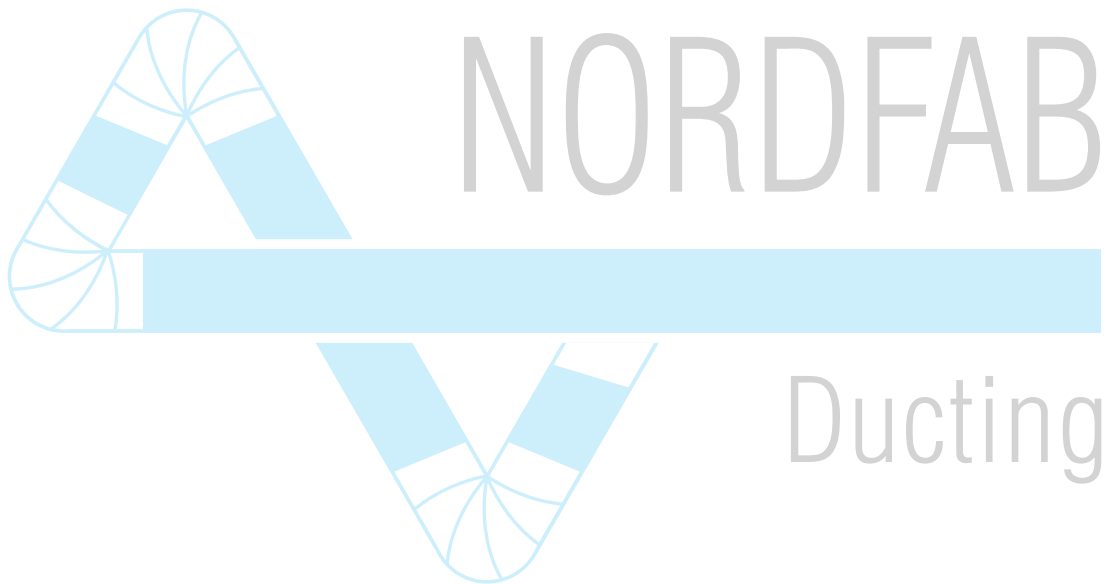
Dampers allow regulation of the volume of airflow through a section of ductwork. Nordfab HygiDuct Dampers are available in 76 - 400 mm in diameter. Smaller diameter sizes are available upon request.

DAMPER ENERGY S MANUAL

Ø mm	Material	Item Number
76	304SS	9910003978
102	304SS	9910003979
127	304SS	9910003980
152	304SS	9910003981
203	304SS	9910003982
224	304SS	9910003983
250	304SS	9910003984
300	304SS	9910003985
315	304SS	9910003986
350	304SS	9910003987
400	304SS	9910003988
76	316SS	9910003989
102	316SS	9910003990
127	316SS	9910003991
152	316SS	9910003992
203	316SS	9910003993
224	316SS	9910003994
250	316SS	9910003995
300	316SS	9910003996
315	316SS	9910003997
350	316SS	9910003998
400	316SS	9910003999



Nordfab HygiDuct Damper Energy S Manual.



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