



OSTP UltraGreen™

For years you've trusted Tru-Bore™ as
Your preferred piping system...
Now meet its evolution

VERIFICATION PACK

Everything you need to specify lower carbon
stainless steel pipework with confidence

The next generation of Tru-Bore™
Same quality. Same performance. Same reliability
Up to 50% lower carbon footprint

OSTP UltraGreen™



Tru-Bore™ set the standard. OSTP UltraGreen™ moves it forward. Built on the same engineering excellence and manufacturing quality, OSTP UltraGreen™ represents the next generation of stainless steel tube—helping customers reduce embodied carbon without changing the product they know and trust.

As organisations are increasingly looking to reduce embodied carbon, engineers and procurement teams are being asked to demonstrate that material choices within projects are supported by credible and documented evidence.

This pack bring together the technical documentation, carbon data and supporting information required to assess OSTP UltraGreen™ stainless steel pipework for your next project.

WHAT IS OSTP UltraGreen™?



LOWER CARBON STAINLESS STEEL. SAME QUALITY. SAME PERFORMANCE.

OSTP UltraGreen™ is a range of lower carbon, stainless steel pipes and tubes, manufactured by OSTP using Outokumpu's Circle Green® stainless steel – the world's most sustainable stainless steel, with a Product Carbon Footprint of less than 1 tonne CO₂e per tonne of steel.

Developed for projects where reducing embodied carbon is a priority, OSTP UltraGreen™ represents the next generation of Tru-Bore™. It delivers the same reliability, corrosion resistance and mechanical performance as Tru-Bore™ and standard stainless steel, helping customers achieve their sustainability ambitions without compromising on quality or performance.



KEY BENEFITS



**93%
LOWER CARBON
FOOTPRINT***

Compared with the global stainless steel industry average.



**SAME
PERFORMANCE**

Same material properties, corrosion resistance and pressure capabilities.



**INDEPENDENTLY
VERIFIED**

Product Carbon Footprint (PCF) independently verified to ISO 14067.



**100%
RECYCLED
CONTENT**

Made using 100% recycled content.



**RENEWABLE
ENERGY**

Manufactured using renewable electricity, not carbon offsetting.



**READY FOR
THE FUTURE**

Supports ESG Goals, Net Zero targets and lower carbon procurement.

**Subject to the specific grade and independently verified Product Carbon Footprint (PCF).*

HOW OSTP UltraGreen™ WORKS



**RECYCLED RAW
MATERIAL**

High quality stainless steel scrap is collected and recycled.



**RENEWABLE
ENERGY**

Steel is produced using 100% renewable electricity.



**OUTOKUMPU
CIRCLE GREEN**

Low carbon stainless steel is produced using 100% recycled content and renewable energy.



**INDEPENDENT
VERIFICATION**

Product Carbon Footprint (PCF) verified to ISO 14067.



**LOWER CARBON
STAINLESS STEEL**

Delivered to your project with full traceability and confidence.

SAME STAINLESS. LOWER CARBON.



OSTP UltraGreen™ gives you the stainless steel pipework you know and trust – with a significantly lower carbon footprint. Better for your projects. Better for the planet.

ONE SIMPLE CHANGE. A BIG IMPACT



Switching to OSTP UltraGreen™ can reduce embodied carbon by up to 93%* compared with the global stainless steel industry average.

**Subject to the specific grade and independently verified Product Carbon Footprint (PCF).*

OSTP ULTRAGREEN™ METRIC AND ISO WELDED TUBES

OSTP UltraGreen™ Metric and ISO Welded Pipe

Pipes up to 1300mm Bore are produced from longitudinally welded strip in accordance with EN 10217-7 (specification for welded stainless steel pipes for pressure purposes).

Outside weld bead ground flush, non-heat treated after manufacture, pickled de-scaled finish, plain ends. 6Mtr random Lengths, weld factor (J.E.F) equal to Z = 1.0.

Available grades – 304L (1.4307) / 316L (1.4404).



Dimensional Detail

DN	OD	WT	System	KG / m
15	18	1.5	Metric	0.62
	21.3	2	ISO	0.97
20	23	1.5	Metric	0.81
	26.9	2	ISO	1.25
25	28	1.5	Metric	0.99
	33.7	2	ISO	1.59
32	35	1.5	Metric	1.26
	42.4	2	ISO	2.02
40	43	1.5	Metric	1.56
	48.3	2	ISO	2.32
50	53	1.5	Metric	1.93
	54	2	Metric	2.60
	60.3	2	ISO	2.92

DN	OD	WT	System	KG / m
65	68	1.5	Metric	2.49
	69	2	Metric	3.30
	76.1	2	ISO	3.71
80	83	1.5	Metric	3.06
	84	2	Metric	4.10
	88.9	2	ISO	4.35
100	103	1.5	Metric	3.81
	104	2	Metric	5.01
	106	3	Metric	7.73
	114.3	2	ISO	5.62
125	128	1.5	Metric	4.75
	129	2	Metric	6.35
	139.7	2	ISO	6.89

Datasheet



DN	OD	WT	System	KG / m
150	153	1.5	Metric	5.68
	154	2	Metric	7.60
	156	3	Metric	11.50
	168.3	2	ISO	8.32
200	203	1.5	Metric	7.56
	204	2	Metric	10.30
	206	3	Metric	15.20
	219.1	2	ISO	10.90
	219.1	3	ISO	15.70
250	254	2	Metric	12.60
	256	3	Metric	19.00
	273	2	ISO	13.60
	273	3	ISO	19.60
300	304	2	Metric	15.10
	306	3	Metric	22.70
	323.9	3	ISO	23.30
	323.9	4	ISO	32.00
350	355	2.5	Metric	22.00
	355.6	3	Metric	26.50
	356	3	ISO	26.50
	355.6	4	ISO	35.20

DN	OD	WT	System	KG / m
400	406	3	Metric	30.20
	406.4	3	ISO	30.20
	406.4	4	ISO	40.30
	408	4	Metric	40.36
450	456	3	Metric	34.00
	457	3	ISO	34.43
500	506	3	Metric	37.79
	508	3	ISO	37.93
	508	4	Metric	50.48
600	606	3	Metric	45.20
	608	4	Metric	60.40
	609.6	3	ISO	45.97
	609.6	4	ISO	61.29
700	708	4	Metric	70.40
	711	4	ISO	71.44
800	808	4	Metric	80.40
	813	4	ISO	81.49
900	908	4	Metric	90.40
	910	5	Metric	113.00
1000	1008	4	Metric	100
	1010	5	Metric	126.00
	1012	6	Metric	151.00

WHERE OSTP UltraGreen™ IS ALREADY MAKING AN IMPACT



PROVEN LOWER CARBON STAINLESS STEEL FOR DEMANDING APPLICATIONS.

OSTP UltraGreen™ delivers the same performance, reliability and corrosion resistance expected from Tru-Bore™ and conventional stainless steel, making it suitable for a wide range of industrial applications where reducing embodied carbon is becoming an increasingly important consideration.

TRUSTED ACROSS MULTIPLE SECTORS



DATA CENTRES

Reduce embodied carbon without changing pipe specifications. Supports Scope 3 reporting.



WATER & UTILITIES

Supports AMP programmes and water providers' Net Zero ambitions.



PROCESS INDUSTRY

Proven stainless performance with independently verified carbon credentials



FOOD & BEVERAGE

Hygienic stainless steel for critical applications with lower embodied carbon.



PHARMACEUTICAL

Suitable for highly regulated environments where quality, traceability and consistency are critical.



CHEMICAL PROCESSING

Excellent corrosion resistance with verified environmental credentials.

SAME STAINLESS. LOWER CARBON.



SAME GRADES



SAME STANDARDS



SAME FABRICATION



SAME WELD-ABILITY



SAME CORROSION
RESISTANCE



LOWER PCF

INCREASINGLY SPECIFIED IN...



NET ZERO
PROJECTS



ESG
REPORTING



BUILDING
SERVICES



DATA
CENTRES



INFRASTRUCTURE
PROJECTS



PUBLIC SECTOR
PROJECTS

WHY ENGINEERS CHOOSE OSTP ULTRAGREEN™



Independently
verified carbon
data



Outokumpu
Circle Green®
raw material



Proven OSTP
manufacturing



Available through
DH Stainless



Technical support
throughout your
project

FREQUENTLY ASKED QUESTIONS



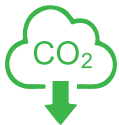
Answers to the most common questions about OSTP
UltraGreen™ and how it can support your sustainability
goals without compromising on performance or reliability



01

WHAT IS OSTP ULTRAGREEN™?

OSTP UltraGreen™ represents the evolution of Tru-Bore™. Built on the same trusted quality, reliability and performance, it combines OSTP's manufacturing expertise with Outokumpu's Circle Green® stainless steel to deliver a range of lower carbon, stainless steel pipes and tubes. With a Product Carbon Footprint of less than 1 tonne CO₂e per tonne of steel, OSTP UltraGreen™ delivers the same trusted performance as Tru-Bore™—with dramatically lower embodied carbon.



02

HOW MUCH CARBON CAN I SAVE?

OSTP UltraGreen™ has a carbon footprint that is 93% lower than the global industry average. For every 1 tonne of conventional stainless pipe, around 2 tonnes of embodied carbon are created. With Circle Green®, that figure is close to parity.



03

IS THE PERFORMANCE THE SAME AS STANDARD STAINLESS STEEL?

Yes. OSTP UltraGreen™ offers the same material properties, corrosion resistance, durability and mechanical performance as conventional stainless steel. It can be specified with complete confidence for the same applications and environments.



04

IS OSTP ULTRAGREEN™ CERTIFIED?

Yes. The Product Carbon Footprint (PCF) for OSTP UltraGreen™ is independently verified in accordance with ISO 14067, providing transparent and reliable carbon data for your projects and sustainability reporting.



05

CAN OSTP ULTRAGREEN™ HELP WITH MY SCOPE 3 REPORTING?

Yes. As purchased materials typically account for 80–95% of a company's total emissions, choosing OSTP UltraGreen™ can significantly reduce your Scope 3 Category 1 emissions and help support your ESG and Net Zero targets.



06

CAN IT BE FABRICATED AND WELDED IN THE SAME WAY?

Yes. OSTP UltraGreen™ can be fabricated, welded and installed using the same techniques and procedures as standard stainless steel. No changes to your processes are required.



07

WHAT GRADES AND PRODUCTS ARE AVAILABLE?

OSTP UltraGreen™ is available in a wide range of grades including 304L and 316L, across welded pipes and tubes. Contact our team for full availability.



08

HOW IS OSTP ULTRAGREEN™ MANUFACTURED?

OSTP use non fossil fuel at all production facilities and manufacture their products using Outokumpu's Circle Green® stainless steel, which is produced using 100% recycled content and renewable energy. OSTP are Net Zero for Scope 1 and Scope 2.



NEED MORE INFORMATION?

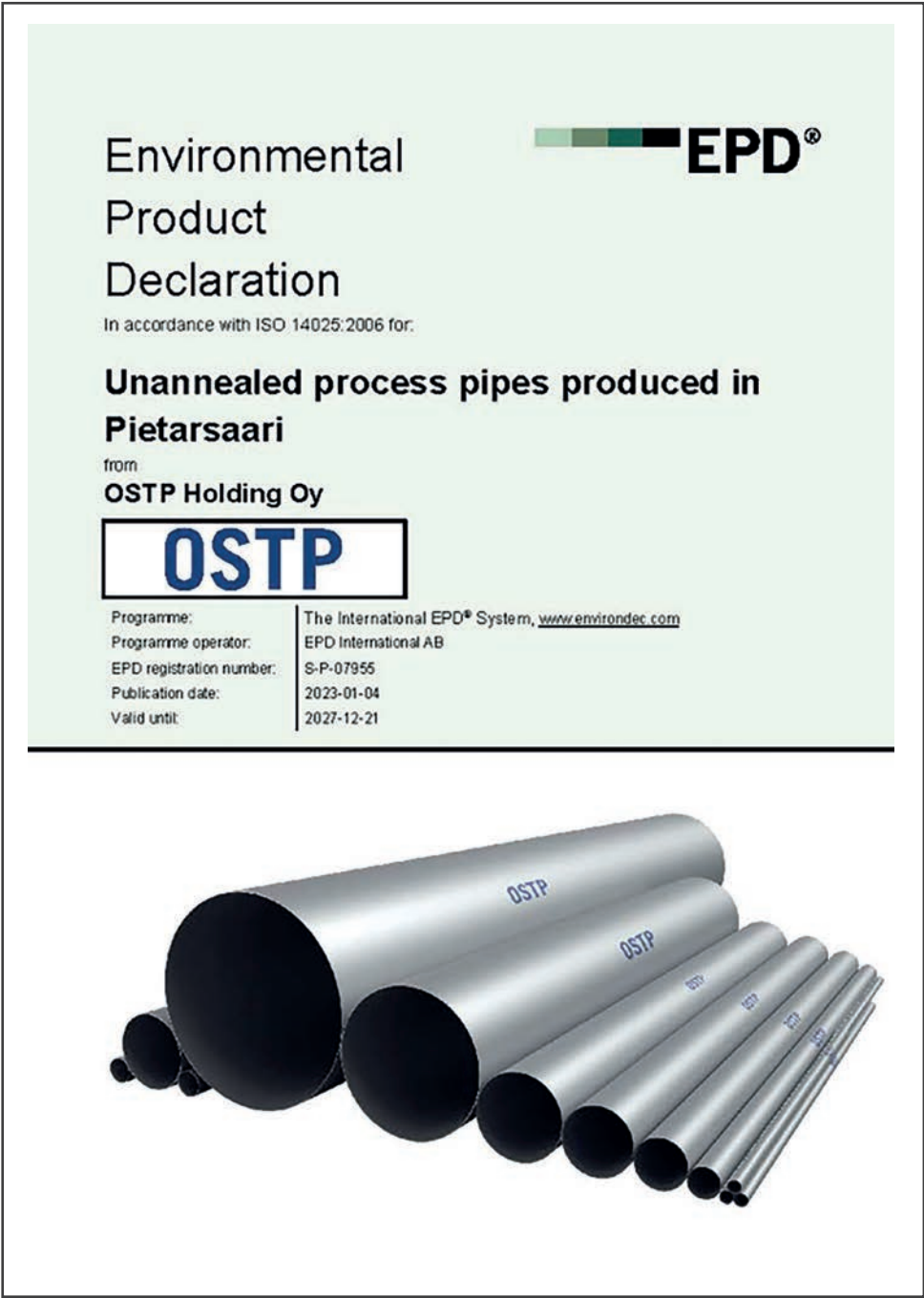
Our team of stainless steel specialists are here to support you with technical data, specifications and project requirements.

T: 01254 237409 E: sales@dhstainless.co.uk

ENVIRONMENTAL PRODUCT DECLARATION (EPD) – EXAMPLE



The example shown demonstrates the type of third-party environmental documentation available for OSTP **UltraGreen™** stainless steel pipework. Project-specific Environmental Product Declarations and supporting carbon data will be provided on request.



Example Certificate (for illustration purposes only)

PRODUCT CARBON FOOTPRINT CERTIFICATE – EXAMPLE



The example shown illustrates the type of product-specific carbon footprint certification available for OSTP **UltraGreen™** stainless steel pipework. Project-specific carbon footprint certificates and supporting documentation will be provided on request.

OUTOKUMPU CIRCLE GREEN® CERTIFICATE



Outokumpu is the global leader in sustainable stainless steel. Outokumpu Circle Green® is our spearhead solution to support the green transition and circular economy. With up to 93% lower carbon footprint compared to the global industry average*, Circle Green enables our customers to build a more sustainable future. With Circle Green®, we guarantee a product carbon footprint below 1tCO₂e per ton of stainless steel**. To achieve the low carbon footprint, we use low-carbon electricity, selected raw materials, such as recycled steel and have optimized production routes.

Outokumpu is the first stainless steel producer to provide a product-specific carbon footprint. It is calculated in accordance with ISO 14067 and includes all the significant Green House Gas (GHG) emissions through the whole production chain (Scope 1, 2, 3) and is following the Cradle to Gate approach. With this certificate we confirm that the delivered product also complies with Outokumpu Circle Green® standards.

The calculation model has been validated by TÜV SÜD Industrie Service GmbH according to ISO 14064-3 regarding compliance with ISO 14067 (especially Annex C)***. A detailed Carbon Footprint methodology report and the validation statement from TÜV SÜD can be provided upon request.

outokumpu.com

EN Grade		1.4307	
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CG Certificate Number	3.1 Certificate Number	Your Order number	Date
CG 464966	387065	PSVO147800	08/04/2026

Coil ID	Product Carbon Footprint
86628_2	0,66 t CO ₂ e/t

* Global average Co₂ emissions (2023): 7 kilos of CO₂e per kg of stainless steel (Outokumpu's calculation based on data provided by CRU and worldstainless).

Outokumpu Circle Green CO₂ emissions: down to 0.5 kilos of CO₂e per kg of stainless steel.

** Except for Outokumpu Dura range, where the footprint is <1.3 tCO₂e

*** Biogenic emission are not included in the PCF as they are in line with the Voluntary RED II directive schemes

Outokumpu Oyj
Salmisaarenranta 11, P.O. Box 245, FI-00181 Helsinki, Finland
Tel. +358 9 4211
Domicile Helsinki, Finland.
Business ID 0215254-2, VAT FI02152542



outokumpu 
sustainable stainless steel

Example Certificate (for illustration purposes only)



Experts in the supply of stainless steel piping systems to industry



Scotland

Unit 2 Block 1
Whistleberry Industrial Estate
Blantyre
ML3 0ED

Head Office

Unit 5, Shorten Brook Way
Altham Industrial Estate
Altham
BB5 5YA

Southern England

Unit D19, J31 Park
Motherwell Way
West Thurrock
RM20 3XD

Company Registration Number: 4263619

T: 01254 237409

E: sales@dhstainless.co.uk



www.dhstainless.co.uk