

♣TAS

CARBON STEEL | CAIRO, EGYPT

SEAMLESS PIPES | SCH 20,40,80

ASTM A106 | 1/2" - 24" | Product Catalogue 2026

Cairo, Egypt | info@taspipe.com | taspipe.com | 2026 Edition

ABOUT TAS

Centrally managed. Globally built.

TAS is a Cairo-based supply chain company specializing in premium SEAMLESS, ERW, fittings and flanges, manufactured through ISO-certified mill partners.

Manufacturing operations are based in China, through approved ISO-certified mills operating under strict quality control systems and international inspection standards.

WHY TAS?

A different kind of steel partner.

Centrally Managed	One accountable team for supply chain leadership and contracts.
Manufactured in China	ISO-certified mill partners with proven track record.
Strict Quality Control	Multi-stage inspection from billet to shipment.
ASTM / API Standards	Compliant to international specifications by default.
Third Party Inspection	SGS, BV and TUV inspection on request.
Independent Testing	Tested by CMRDI, the Central Metallurgical Research and Development Institute, Cairo.
Fast Global Logistics	FOB, CIF, DAP - port-to-site coordination.
Competitive Pricing	Direct mill access, transparent pricing structure.



SEAMLESS PIPES

ASTM A106 seamless pipe, SCH 20,40,80



Product	Seamless carbon steel pipe
Standard	ASTM A106
Schedule	SCH 20,40,80
Size range	1/2" - 24" (NPS)
Coating	Black
Inspection	SGS, BV and TUV third party inspection on request
Supply terms	FOB, CIF, DAP - port-to-site coordination

Also available from TAS: ERW pipes, fittings (elbows, tees, reducers) and flanges. Contact us for details.

PRODUCT GALLERY

Stocked, packed and ready to deliver.



Black-coated seamless pipes with yellow end caps, stored next to wrapped bundles.



Covered storage: pipes wrapped in protective covers and strapped.



Yellow plastic end caps on every pipe.

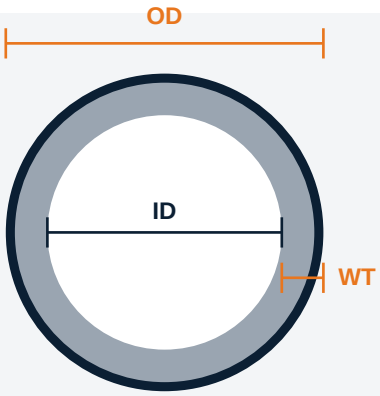


Black-coated pipes bundled with steel straps.

TECHNICAL DATA

Seamless carbon steel pipe - Schedule 20

Dimensions and weights for NPS 8 to 24 according to ASME B36.10M.



OD = outside diameter

WT = wall thickness (Schedule 20)

ID = inside diameter (OD - 2 x WT)

Weights are nominal plain-end values.

kg per 6 m / 12 m = kg/m x length.

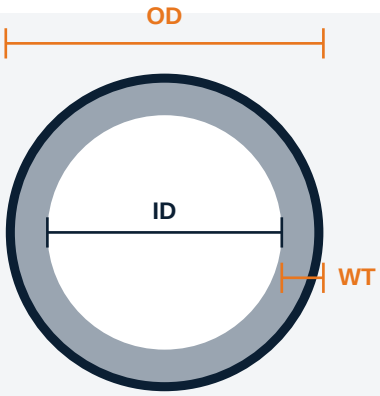
NPS (inch)	DN (mm)	OD (mm)	WT (mm)	ID (mm)	kg/m	lb/ft	kg per 6 m	kg per 12 m
8	200	219.1	6.35	206.4	**33.32**	22.38	199.9	399.8
10	250	273.0	6.35	260.3	**41.76**	28.06	250.6	501.1
12	300	323.8	6.35	311.1	**49.71**	33.41	298.3	596.5
14	350	355.6	7.92	339.8	**67.91**	45.65	407.5	814.9
16	400	406.4	7.92	390.6	**77.83**	52.32	467.0	934.0
18	450	457.0	7.92	441.2	**87.71**	58.99	526.3	1052.5
20	500	508.0	9.53	488.9	**117.15**	78.67	702.9	1405.8
22	550	559.0	9.53	539.9	**129.14**	86.69	774.8	1549.7
24	600	610.0	9.53	590.9	**141.12**	94.71	846.7	1693.4

Notes: Schedule 20 is defined from NPS 8 in ASME B36.10M. For NPS 20 to 24 it has the same wall thickness as STD. Tolerances per ASTM A530: wall thickness minus 12.5%; weight minus 3.5% / plus 10% for NPS 12 and below, minus 5% / plus 10% above NPS 12. Other schedules (SCH 160, XXS) available on request.

TECHNICAL DATA

Seamless carbon steel pipe - Schedule 40

Dimensions and weights for NPS 1/2 to 24 according to ASME B36.10M.



OD = outside diameter

WT = wall thickness (Schedule 40)

ID = inside diameter (OD - 2 x WT)

Weights are nominal plain-end values.

kg per 6 m / 12 m = kg/m x length.

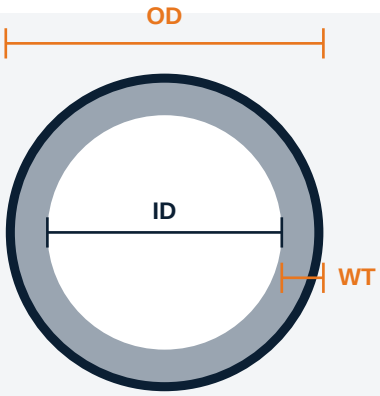
NPS (inch)	DN (mm)	OD (mm)	WT (mm)	ID (mm)	kg/m	lb/ft	kg per 6 m	kg per 12 m
1/2	15	21.3	2.77	15.8	**1.27**	0.85	7.6	15.2
3/4	20	26.7	2.87	21.0	**1.69**	1.13	10.1	20.3
1	25	33.4	3.38	26.6	**2.50**	1.68	15.0	30.0
1 1/4	32	42.2	3.56	35.1	**3.39**	2.27	20.3	40.7
1 1/2	40	48.3	3.68	40.9	**4.05**	2.72	24.3	48.6
2	50	60.3	3.91	52.5	**5.44**	3.66	32.6	65.3
2 1/2	65	73.0	5.16	62.7	**8.63**	5.80	51.8	103.6
3	80	88.9	5.49	77.9	**11.29**	7.58	67.7	135.5
3 1/2	90	101.6	5.74	90.1	**13.57**	9.12	81.4	162.8
4	100	114.3	6.02	102.3	**16.08**	10.80	96.5	193.0
5	125	141.3	6.55	128.2	**21.77**	14.63	130.6	261.2
6	150	168.3	7.11	154.1	**28.26**	18.99	169.6	339.1
8	200	219.1	8.18	202.7	**42.55**	28.58	255.3	510.6
10	250	273.0	9.27	254.5	**60.29**	40.52	361.7	723.5
12	300	323.8	10.31	303.2	**79.71**	53.57	478.3	956.5
14	350	355.6	11.13	333.3	**94.55**	63.50	567.3	1134.6
16	400	406.4	12.70	381.0	**123.31**	82.85	739.9	1479.7
18	450	457.0	14.27	428.5	**155.81**	104.76	934.9	1869.7
20	500	508.0	15.09	477.8	**183.43**	123.23	1100.6	2201.2
24	600	610.0	17.48	575.0	**255.43**	171.45	1532.6	3065.2

Notes: NPS 22 has no Schedule 40 designation in ASME B36.10M. Tolerances per ASTM A530: wall thickness minus 12.5%; weight minus 3.5% / plus 10% for NPS 12 and below, minus 5% / plus 10% above NPS 12. Other schedules (SCH 160, XXS) available on request.

TECHNICAL DATA

Seamless carbon steel pipe - Schedule 80

Dimensions and weights for NPS 1/2 to 24 according to ASME B36.10M.



OD = outside diameter

WT = wall thickness (Schedule 80)

ID = inside diameter (OD - 2 x WT)

Weights are nominal plain-end values.

kg per 6 m / 12 m = kg/m x length.

NPS (inch)	DN (mm)	OD (mm)	WT (mm)	ID (mm)	kg/m	lb/ft	kg per 6 m	kg per 12 m
1/2	15	21.3	3.73	13.8	**1.62**	1.09	9.7	19.4
3/4	20	26.7	3.91	18.9	**2.20**	1.48	13.2	26.4
1	25	33.4	4.55	24.3	**3.24**	2.17	19.4	38.9
1 1/4	32	42.2	4.85	32.5	**4.47**	3.00	26.8	53.6
1 1/2	40	48.3	5.08	38.1	**5.41**	3.63	32.5	64.9
2	50	60.3	5.54	49.2	**7.48**	5.03	44.9	89.8
2 1/2	65	73.0	7.01	59.0	**11.41**	7.67	68.5	136.9
3	80	88.9	7.62	73.7	**15.27**	10.26	91.6	183.2
3 1/2	90	101.6	8.08	85.4	**18.64**	12.52	111.8	223.7
4	100	114.3	8.56	97.2	**22.32**	15.00	133.9	267.8
5	125	141.3	9.53	122.2	**30.97**	20.80	185.8	371.6
6	150	168.3	10.97	146.4	**42.56**	28.60	255.4	510.7
8	200	219.1	12.70	193.7	**64.64**	43.43	387.8	775.7
10	250	273.0	15.09	242.8	**95.98**	64.49	575.9	1151.8
12	300	323.8	17.48	288.8	**132.05**	88.71	792.3	1584.6
14	350	355.6	19.05	317.5	**158.11**	106.23	948.7	1897.3
16	400	406.4	21.44	363.5	**203.54**	136.74	1221.2	2442.5
18	450	457.0	23.83	409.3	**254.57**	171.08	1527.4	3054.8
20	500	508.0	26.19	455.6	**311.19**	209.06	1867.1	3734.3
22	550	559.0	28.58	501.8	**373.85**	251.05	2243.1	4486.2
24	600	610.0	30.96	548.1	**442.11**	296.86	2652.7	5305.3

Notes: For NPS 8 and smaller, Schedule 80 has the same wall thickness as XS (extra strong). Tolerances per ASTM A530: wall thickness minus 12.5%; weight minus 3.5% / plus 10% for NPS 12 and below, minus 5% / plus 10% above NPS 12. Other schedules (SCH 160, XXS) available on request.

CERTIFICATIONS

Management system certificates.

Certificates of our manufacturing mill. The mill name is blurred for confidentiality. Validity dates are shown on each certificate.

ISSUED BY CQM



Quality management ISO 9001:2015



Environmental management ISO 14001:2015



Occupational health and safety ISO 45001:2018

IQNET RECOGNIZED



Quality management ISO 9001:2015



Environmental management ISO 14001:2015



Occupational health and safety ISO 45001:2018

LICENCES AND APPROVALS

API Monogram and manufacturing licence.

Certificates of our manufacturing mill. The mill name is blurred for confidentiality.


Certificate of Authority to use the Official API Monogram
License Number: 5CT-2091
ORIGINAL
American Petroleum Institute
Effective Date: OCTOBER 6, 2023
Expiration Date: OCTOBER 6, 2026

API Monogram licence 5CT-2091


Certificate of Authority to use the Official API Monogram
License Number: 5L-0655
ORIGINAL
American Petroleum Institute
Effective Date: OCTOBER 6, 2023
Expiration Date: OCTOBER 6, 2026

API Monogram licence 5L-0655


中华人民共和国
特种设备生产许可证
Production License of Special Equipment
People's Republic of China
编号： TS2713621-2027
经审查，获准从事以下特种设备生产活动：

许可项目	许可子项目	许可参数	备注
压力管道元件制造	压力管道管子（B）	—	限无缝钢管；具体产品范围见型式试验证书

发证机关： 河北省市场监督管理局
有效期至： 2027年08月31日
2023年09月01日

Production License of Special Equipment, People's Republic of China

ORDER INFORMATION

Everything you need to place an order.

Send us the details below and we will prepare your quotation.

WHAT TO SEND US

Size and quantity	NPS (1/2" - 24") and quantity
Standard	ASTM A106, Schedule 20,40,80
Coating	Black
Delivery terms	FOB, CIF or DAP, with destination port or site
Inspection	Third party inspection (SGS, BV or TUV) if required

SUPPLY DETAILS

Packing	Bundled with steel straps, plastic end caps fitted, wrapped in a blue protective cover
Marking	TAS logo and standard painted along each pipe
Contact	info@taspipe.com | taspipe.com

DOCUMENTS

Certificate of Origin	China. Issued separately and not included in this catalogue. Available upon request.
Test results	Independent tests by the Egyptian Central Metallurgical Research and Development Institute (CMRDI), Cairo. Paper copies available upon request.



Black-coated seamless pipes with yellow end caps, stored next to wrapped bundles.

CONTACT

Ready to start your project?

Engineering, commercial and logistics teams ready to support specification, quotation and global delivery.

Headquarters	Cairo, Egypt (Supply Chain Operations)
Manufacturing	China (ISO Certified Mills)
Email	info@taspipe.com
Website	taspipe.com
Working Hours	Mon - Fri, 08:00 - 18:00 Cairo time

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SEAMLESS PIPES | SCH 20,40,80

ASTM A106 | 1/2" - 24"

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