

Stainless Steel
Solutions
UGIPURE®



UGITECH

Providing special steel solutions





Ugitech, launches a new product line: UGIPURE®.

Stainless steels with outstanding properties, obtained by an advanced Electro-Slag Remelting process (ESR). These products guarantee an improved structure and a high level of cleanliness, which meet the most demanding requirements of high tech industries. We give here a short selection of our products only for specific markets. Do not hesitate to contact us for other products or further information.

Aerospace

Our products comply with the standards of the main OEMs (EADS, AIRBUS, SAFRAN, BOEING...), with associated quality control procedures and traceability.

UGITECH Name	EN	UNS (AISI/ASTM)	Standard Compliance
UGIPURE® 4057	1.4057	S43100/431	EN 10088-3,ASTM A479,AMS 5628, ASNA 3138,AIR 9160C
UGIPURE® 4923	1.4922/1.4923	no equivalent	EN 10269, EN 10088-3
UGIPURE® 4418	1.4418	no equivalent	EN 10088-3, ASNA 6099, AIR 9160C
UGIPURE® 155PH	1.4545	S15500/XM12	AMS 5659, ASTM A564
UGIPURE® 4542	1.4542	S17400/630	EN 10088-3,DMD 229, ASTM A564, AMS 5643, AMS 5659
UGIPURE® 4548	1.4548	S17400/630	EN 10088-3,DMD 229, ASTM A564, AMS 5643, AMS 5659
UGIPURE® 4568	1.4568	S17700/631	EN 10088-3, AMS 5678,ASTM A564
UGIPURE® A286	1.4980/1.4944	S66286/660	AMS 5853, ASTM A453

For other grades, contact us

Medical/surgical implants

Grades for surgical implants according to standards ISO 5832, ASTM F1586, NF S94-051, BS 7252

UGITECH Name	EN	UNS (AISI/ASTM)	Standard Compliance
UGIPURE® 4441	1.4441	S31673	ISO 5832-1,NF S 94051,DIN 17443, BS 7252-1, ASTM F 138-3
UGIPURE® 4472	1.4472	S31675	ISO 5832-9,NF S 94059, BS 7252-9, ASTM F 1586
UGIPURE® 209	no equivalent	S20910/XM19	ASTM F 1314 , ISO 5832-9 except minor deviation on analysis

Process with ultra clean requirements

Grades used for the manufacturing of equipments working under very high cleanliness requirements as ultra clean areas for electronics, high vacuum vessels, biological devices...

UGITECH Name	EN	UNS (AISI/ASTM)	Standard Compliance
UGIPURE® 4306	1.4306, 1.4303	S30403, S30500	EN 10088-3,ASTM A479
UGIPURE® 4404	1.4404	S31603	EN 10088-3,ASTM A479
UGIPURE® 4435	1.4435	S31603 high Mo	EN 10088-3,ASTM A479

Other grades are available; please contact us

Automotive

Our remelted products are specially dedicated to the manufacturing of parts working under high pressure, high temperature.

UGITECH Name	EN	UNS (AISI/ASTM)	Standard Compliance
UGIPURE® 4923	1.4923	no equivalent	EN 10269, EN 10088-3
UGIPURE® 4116N	1.4116	no equivalent	EN 1088-3, dureté ~ 440B
UGIPURE® 4418	1.4418	no equivalent	EN 10088-3,
UGIPURE® 4542	1.4542	S17400/630	EN 10088-3, ASTM A564 SAE j467(17-4PH)
UGIPURE® 4568	1.4568	S17700/17-7PH/631	EN 10088-3, ASTM A564, SAE j217-467(17-7PH)
UGIPURE® A286	1.4980	S66286/660	ASTM A638, SAE j467-A286

Mold Steels

Stainless grades for corrosive plastic injection (PVC, particle-added plastics...) and/or glass molds

UGITECH Name	EN	UNS (AISI/ASTM)	Standard Compliance
UGIPURE® 2083	1.2083	S42000	equivalent to 1.4034, EN 10088-3
UGIPURE® 2316	1.2316	type 420+ Mo	equivalent to 1.4122, EN 10088-3
UGIPURE® 4057	1.4057	S43100/431	EN 10088-3, ASTM A479
UGIPURE® 4542	1.4542	S17400/630	EN 10088-3, ASTM A564

Power generation/turbines

Semis for turbine blade forgings are also available

UGITECH Name	EN	UNS (AISI/ASTM)	Standard Compliance
UGIPURE® 4006	1.4006	S4100 , S40300	EN10088-3, EN 10272,
UGIPURE® 4923	1.4923	no equivalent	EN 10269, EN 10088-3
UGIPURE® 422	-	S42200	ASTM 422
UGIPURE® 4939	1.4939	no equivalent	EN 10269
UGIPURE® 4418Cu	pas d'équivalent	no equivalent	Alstom St 70 AH
UGIPURE® A286	1.4980	S66286/660	ASTM A638, GE B50T81/1181, PWA 1029,

Range of available products

• Semis

Billets

■ 50 to 140 mm

Length: 3 à 8 m

• Bars

● 1,5 to 120 mm for austenitics, super-austenitics and Duplex
1,5 to 120 mm for martensitics.

◆ 3 to 63 mm

■ 3 to 50 mm

■ Flat bars : from 10 x 5 to 160 x 50 mm
for other dimension, contact us

Length: 2,5 à 6,2 m

Please contact us:

> all the possible size/length combinations are not available

• Wire Rod

● 5 to 32 mm

◆ 12,4 to 28 mm

coil weight around 1000 kg

(# 2200 lbs).

Please contact us:

> for a few highly alloyed grades, weight of the coil is limited to 450 Kg (# 1000 lbs)

• Drawn wires

● Round wires: 13 microns to 18 mm ; coils, reels.

◆ Profiles: sections de 1 to 60 mm² ; coils, reels, straightened bars.



UGITECH production plants

Bars

UGITECH
Avenue Paul Girod
73403 UGINE Cedex
FRANCE
Tel. +33 (0)4 79 89 30 30
Fax: +33 (0)4 79 89 34 34

UGITECH Italia
Via G. Di Vittorio, 34/36
20068 PESCHIERA BORROMEO
(MI)
ITALY
Tel. +39 02 54 74 34 14
Fax: +39 02 54 74 34 30

Wire rod

UGITECH
Avenue Paul Girod
73403 UGINE Cedex
FRANCE
Tel. +33 (0)4 79 89 30 30
Fax: +33 (0)4 79 89 34 34

Drawn wire

UGITECH
BP 33
58160 IMPHY
FRANCE
Tel. +33 (0)3 86 21 37 98
Fax: +33 (0)3 86 21 31 03

UGITECH
Petite Rue Volais
BP 115
27800 BRIONNE
FRANCE
Tel. +33 (0)2 32 47 33 37
Fax: +33 (0)2 32 44 96 39

UGITECH
3, Chemin de Majornas
BP 1109
01009 BOURG-EN-BRESSE
FRANCE
Tel. +33 (0)4 74 50 55 00
Fax: +33 (0)4 74 50 55 10

SPRINT METAL
Edelstahlziehereien GmbH
Eckenhagener Strasse 2
51580 REICHSHOF - Pochwerk
GERMANY
Tel. +49 (0)22 61 54 06 23
Fax: +49 (0)22 61 54 06 55

SPRINT METAL
Edelstahlziehereien GmbH
Gewerbegebiet West
39240 BRUMBY
GERMANY
Tel. +49 (0)39 291 46 51 0
Fax: +49 (0)39 291 46 51 55



UGITECH

a team of 2000 working together for you around the world



Your UGITECH contact

www.ugitech.com

