

GENERAL TECHNICAL CHARACTERISTICS OF PROCESSED PRODUCTS



Hardness Classes

Standard EN 10202

DESIGNATION	YIELD STRENGTH
TS 230	230 ± 50
TS 245	245 ± 50
TS 260	260 ± 50
TS 275	275 ± 50
TS 290	290 ± 50
TS 340	340 ± 50
TS 480	480 ± 50
TS 520	520 ± 50
TS 550	550 ± 50
TH 330	330 ± 50
TH 340	On request
TH 415	415 ± 50
TH 435	435 ± 50
TH 450	450 ± 50
TH 480	480 ± 50
TH 520	520 ± 50
TH 550	550 ± 50
TH 580	580 ± 50
TH 620	620 ± 50
TH 650	650 ± 50

Italpack Srl

Via Solari, 119/ter - 43022 Tortiano di Montechiarugolo (PR)

Telephone: +39 0521 686911 E-mail: italpack@italpack.it

Share capital € 2.194.000,00

Registration number: 244553 – Parma Companies Register

Tax Code and VAT No. IT01496870351

italpack.it

Company subject to management and coordination by San Polo Lamiera Spa



Reg. Nr. 1996 - E
ISO 14001:2015



Reg. Nr. 1996-A
UNI EN ISO 9001:2015



Reg. Nr. 1996-I
UNI ISO 45001:2018

AISI/ASTM 623 Standard

DESIGNATION
T 1
T 2
T 3
T 4
T 5
DR 7
DR 7,5
DR 8
DR 8,5
DR 9
DR 9,5



TIN COATING WEIGHT

EN (g/m ² per side)	Equivalent (lbs/bb both sides)
1.00	0.089
1.40	0.125
2.00	0.179
2.80	0.250
4.00	0.357
5.00	0.446
5.60	0.500
8.40	0.750
11.20	1.000

AISI/ASTM (lbs/bb both sides)	Equivalent (g/m ² per side)
0.05	0.60
0.10	1.10
0.15	1.70
0.20	2.20
0.25	2.80
0.35	3.90
0.50	5.60
0.75	8.40
1.00	11.20

Italpack Srl

Via Solari, 119/ter - 43022 Tortiano di Montechiarugolo (PR)

Telephone: +39 0521 686911 E-mail: italpack@italpack.it

Share capital € 2.194.000,00

Registration number: 244553 – Parma Companies Register

Tax Code and VAT No. IT01496870351

italpack.it

Company subject to management and coordination by San Polo Lamiera Spa



Reg. Nr. 1996 - E
ISO 14001:2015



Reg. Nr. 1996-A
UNI EN ISO 9001:2015



Reg. Nr. 1996-I
UNI ISO 45001:2018

PASSIVATION

TYPE	CODE	CHROMIUM COATING (mg/m ² per side)
Immersion passivation	300	1 – 3
Cathodic passivation	311	3,5 – 9
Electrochemical passivation	314	> 5

Oiling

TREATMENT	TINPLATE (mg/m ² per side)	CHROMIUM-COATED STRIP (mg/m ² per side)	BLACK PLATE - UNCOATED - (mg/m ² per side)
DOS	4 ± 2	4 ± 2	—
ATBC	7 ± 3	—	—
BSO	—	4 ± 2	—
Alternative oiling	4 ± 2	—	—
Anticorit	—	—	min. 300 ± 100

Surface Finishes

FINISH	MELTING	ROUGHNESS (Ra) (µm)
Bright	Yes	≤ 0,30
Fine Stone	Yes	0,25 – 0,45
Stone	Yes	0,30 – 0,75
Silver Matt	Yes	0,40 – 2,25
Matt	No	0,40 – 2,25

Italpack Srl

Via Solari, 119/ter - 43022 Tortiano di Montechiarugolo (PR)

Telephone: +39 0521 686911 E-mail: italpack@italpack.it

Share capital € 2.194.000,00

Registration number: 244553 – Parma Companies Register

Tax Code and VAT No. IT01496870351

italpack.it

Company subject to management and coordination by San Polo Lamiera Spa



Reg. Nr. 1996 - E
ISO 14001:2015



Reg. Nr. 1996-A
UNI EN ISO 9001:2015



Reg. Nr. 1996-I
UNI ISO 45001:2018

Chromium-Coated Strip

COATING WEIGHT

Average coating weight (mg/m² per side)

TYPE OF COATING	MIN.	MAX.
Chromium metal	50	140
Chromium oxide	7	35

Electrolytically Zinc-Coated Steel

Nominal Coating Weight

11,0 g/m² per side (≈ 1,5 μm)

THICKNESS RANGE	CLASSES
Currently below 0,16 mm	TH 550 TH 580 TH 620 TH 650
0,24 – 0,43 mm	TH 415 TH 620 TH 650

Technical Parameters

- Zinc coating: 11 g/m² per side
- Top side: gold lacquer
- Bottom side: transparent lacquer
- Thickness tolerance: ± 0.015 mm
- Width tolerance: -0 / +0.2 mm
- Technological strength: according to EN 10202
- Other dimensional tolerances: according to EN 10140

Italpack Srl

Via Solari, 119/ter - 43022 Tortiano di Montechiarugolo (PR)

Telephone: +39 0521 686911 E-mail: italpack@italpack.it

Share capital € 2.194.000,00

Registration number: 244553 – Parma Companies Register

Tax Code and VAT No. IT01496870351

italpack.it

Company subject to management and coordination by San Polo Lamiera Spa



Reg. Nr. 1996 - E
ISO 14001:2015



Reg. Nr. 1996-A
UNI EN ISO 9001:2015



Reg. Nr. 1996-I
UNI ISO 45001:2018