



PRE-PAINTED STEEL FOR WHITE GOODS

PRODUCT MIX

Thickness of substrate (rolled products)	0.35–2.0 mm
Rolled product width	900–1,800 mm
Coil inner diameter	500 mm, 600 mm
Weight of commercial coils	3–15 tons
Sheet length	1,500–3,500 mm
Weight of sheet bundles	up to 10 t

QUALITY INDICATORS OF POLYMER COATINGS

Indicator*	Type of polymer coating	
	Polyester	Epoxy-polyester**
Thickness, μm	25–35	10–18
T-bend strength	≤ 2.0	≤ 3
Erichsen elasticity, mm	≥ 6	not rated
Backward impact strength, J	≥ 10	≥ 5
Pencil hardness	F–H	not rated
Color difference (ΔE)	≤ 1	not rated
Gloss	deep matt semi-matt high-gloss	not rated

* Test methods as per GOST 34180, DIN EN 13523

** Coating on the rolled product's bottom

*** For white goods manufacturing

At the customer's request, other quality indicator values are possible. When producing one-side pre-painted steel, protective polymer coating is applied onto the back side. When producing two-side pre-painted steel, polymer coating is applied on the back side similar to the top side.

TECHNICAL PROPERTIES

Product	Coating thickness, μm	Minimum forming temperature, $^{\circ}\text{C}$	UV resistance	Corrosion resistance as per EN 10169	Wear resistance	Contamination resistance	Chemical resistance, in % of PE
Polyester	25	15	RUV 2-3	RC3	Medium	Medium	100

PACKING CHARTS

Chart No. 09, No. 91

No.	Description
1	Polyester packing strap
3	Adhesive tape 50 mm
5	Multilayer anticorrosive material
7	Protective cardboard angle
8	Plastic insert
8.1	Plastic shell
9*	Cardboard sleeve
10	Internal packing sheet
11	End cover
12	External corrugated angle
12.1	Internal corrugated angle
19	Label (shipping)

* For Packing Chart No. 91

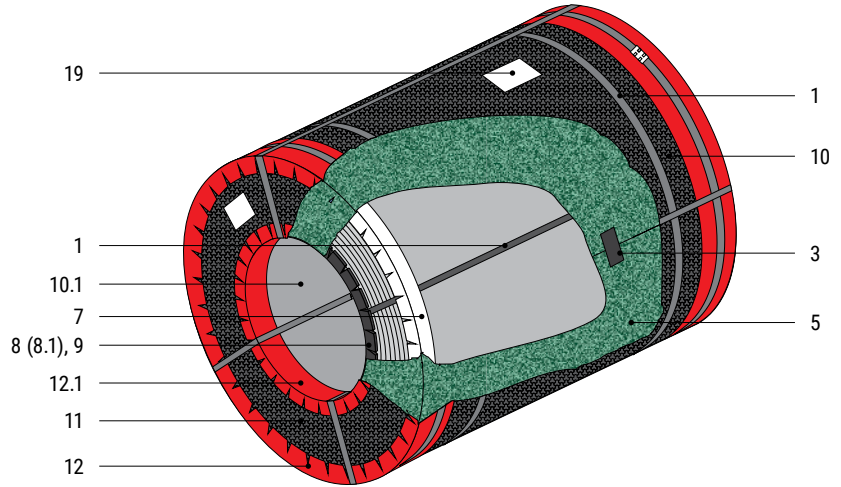


Chart No. 12, No. 12-1

No.	Description
1	Polyester packing strap
1.4	Steel baling strap
3	Adhesive tape 50 mm
3.1	Adhesive tape 100 mm
5	Multilayer anticorrosive material
6	Polyethylene film
7	Protective angle 60 × 60 mm
7.1	Protective angle 120 × 80 mm
8	Plastic insert
9*	Cardboard sleeve
10	External packing sheet
10.1	Internal packing sheet
11	End cover
12	External corrugated angle
12.1	Internal corrugated angle
19	Label (shipping)

* For Packing Chart No. 12-1

