



otiv



**WELDING ELECTRODES AND WELDING WIRE, GALVANIZED WIRE ROPES AND CHAINS,
ACCESSORIES FOR FIXING, TRACTION, LIFTING AND ANCHORING**

- ✓ Steel wire ropes, bright or galvanized for diverse industrial use, with diameters from 1mm to 80 mm;
- ✓ Galvanized steel wire ropes with standard or spiral construction (strands), flexible or semi flexible, with diameters starting from 1mm, delivered in coils of specific length or on wooden reels;
- ✓ Wire rope slings for traction or lifting, matissed or with sleeves at ends, simple or with high resistance accessories (hooks, shackles etc.) with 1, 2, 3 or 4 legs, wire rope diameters starting from 6m (300 kg lift) to 80mm (over 75000 kg lift);
- ✓ Grade 3 resistance chains according to DIN 766 (short link);
- ✓ High resistance chains, grade 8 according to EN 818, in specific lengths, or delivered as lifting or anchoring devices; mining chains according to DIN 22252;
- ✓ Chain lifting devices with 1, 2, 3, 4 or more legs, with or without tightener;
- ✓ Commercial galvanized chains, chains for animals;
- ✓ Chain anchoring devices for transport platforms;
- ✓ Lifting webbing slings, endless or flat, made of polyester, with a lift capacity starting from 1 ton; anchoring belts for goods during transport, with lengths of 5, 6, 8, 10 or 12m;
- ✓ Rutile or base welding electrodes, diameters 2.50, 3.25, 4.00 or 5.00mm; SG2 welding wire;
- ✓ 'Martin Miller' saw blades;
- ✓ Accessories for chains and wire ropes, for commercial and industrial use (clips, thimbles, hooks, shackles, snap hooks etc.);
- ✓ (*) Assembly pieces, bright or galvanized, or stainless steel, for different industrial use; shaft and bore rings, clamps;
- ✓ (*) Profiles, plates, pipes and other metallurgical products;
- ✓ (*) Coke, carbide, PP and PES cords.

Our clients recommend us

SATISFIED CLIENTS	FIELD OF ACTIVITY	DELIVERED PRODUCTS
FORAJ SONDE SA • DAFORA FORAJ SA	Gas and petrol drilling	Pipes, wire ropes, lifting and anchoring devices
ROMGAZ SA • TRANSGAZ SA • E.ON GAZ DISTRIBUȚIE SA	Natural gas	Coke, pipes, welding electrodes
DAMEN SHIPYARDS • ȘANTIERUL NAVAL CONSTANȚA • AKER SA	Shipyards and docks	High resistance chains, wire ropes for ships and anchoring
SCCF - COLAS SA • ACSA SA • 2 INVEST SA	Construction of bridges and rafts	High resistance wire ropes, assembly pieces
HIDROCONSTRUCȚIA SA • CONSTRUCȚII HIDROTEHNICE SA	Hydro technical constructions	Wire ropes, pipes, welding electrodes
BUILD CORP SRL • ROMBET SA • VICTOR CONSTRUCT • CONTRANSCOM BENȚA SA	Civil and industrial constructions	Materials for fixing, anchoring, traction and welding
COMPANIA NAȚIONALĂ A HUILEI • SOCIETATEA NAȚIONALĂ A LIGNITULUI OLTENIA	Mining	High resistance chains, carbide, wire ropes
COMPANIA NAȚIONALĂ A URANIULUI • SOCIETATEA NAȚIONALĂ A SĂRII	Extraction industry	Big wire ropes for draglines, excavators
COMPLEXUL ENERGETIC ROVINARI • COMPLEXUL ENERGETIC TURCENI SA	Energy complexes	Steel wire ropes, high resistance chains
MECANICA MARSA • MECANICA CEAHLĂU	Car manufacturing industry	Wire ropes for traction, electrodes and welding wire
HOLCIM SA • LAFARGE SA • CARPATCEMENT	Concrete industry	Special construction wire ropes, electrodes and welding wire
RNP ROMSILVA SA • HLV • FORESTAR	Forestry	Chains, wire ropes, drive belts, assembly pieces
ROMANEL SA • KRONOSPAN • MOBEXPERT	Timber industry	Saw blades, drive belts, welding electrodes, assembly pieces

WELDING ELECTRODES AND WELDING WIRE



WELDING ELECTRODES

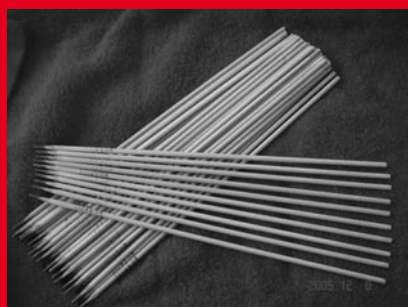
Coated electrodes for welding carbon steel and low alloyed steel, packed in carton boxes of 5 – 6 kg.

- Rutile coating; welding metal constructions of carbon steel and low alloy steel. Used for welding in any position, excepting vertical descending position, using DC or AC - 50V.

- Base coating; welding of steel constructions powerfully solicited statically and dynamically, exploited down to -30 ° C, made of carbon steel with max. 0.35% C and low alloyed steel with Mn and Si. Used for welding in any position excepting vertical descending position, using DC.

Product sizes:

- Ø 2,5 x 350 mm.
- Ø 3,25 x 350 mm.
- Ø 4,0 x 450 mm.
- Ø 5,0 x 450 mm.

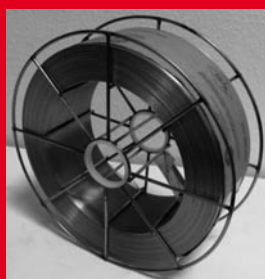


SG2 WELDING WIRE (IN PROTECTIVE GAS ENVIRONMENT) – ACCORDING TO DIN 8559

The SG2 welding wire is delivered on K300 type reels, with spire-spire winding or regular winding, with a weight of approx. 15 kg., packed in polyethylene bags with silica gel and carton boxes, on pallets of max. 64 boxes. It is used for welding in protective gas environment (CO2 and gas mixes) of carbon steel and low alloy steel for constructing ships, pressure vessels, tanks etc.

Product sizes:

- Ø 0.8 mm.
- Ø 1.0 mm.
- Ø 1.2 mm.
- Ø 1.6 mm.



Chemical composition of the welding wire:

C	Mn	Si	P	S	Ni	Mo	Al	Zr+Ti	Cr	Cu	V
0.06 - 0.13	1.30 - 1.60	0.70 - 1.00	max. 0.025	max. 0.025	max. 0.15	max. 0.15	max. 0.02	max. 0.15	max. 0.15	max. 0.30	max. 0.03

Electrodes display





GALVANIZED WIRE ROPES

	No.	Type	Construction	Diameter	Approximate linear weight	Minimum breaking load
				[mm]	[kg/m]	[kgf]
	1	Flexible galvanized commercial wire ropes, construction 6x12+7FC	6x12	3	0.023	327
			6x12	4	0.040	582
			6x12	5	0.058	909
			6x12	6	0.092	1417
			6x12	8	0.165	2039
			6x12	10	0.235	2753
	2	PVC coated wire ropes Galvanized commercial wire ropes, construction 6x7+FC Covered with a transparent layer of PVC	6x7+PVC	2/3	0.020	275
			6x7+PVC	3/4	0.040	595
			6x7+PVC	4/5 (4/6)	0.068	944
	3	Cable for trucks, with metal core (winding of metallic wires) or with polypropylene core (PP cord)	I.Met	3/6-IM	0.055	-
			I.Met	3/8-IM	0.119	-
			PP	3/6-PP	0.040	-

Cable display



Fields of use:

1. Galvanized commercial wire ropes and PVC coated wire ropes: commercial use, various anchoring uses (awnings, tarpaulins, light objects), household use, decorations.
2. Cables for trucks: anchoring truck covers, terrace covers, tarpaulins etc.

The products are delivered at specific lengths of 50 m or 100 m;

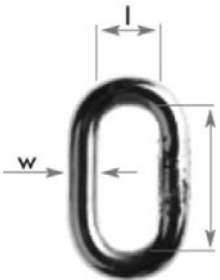
For exposal in deposits and store, we can provide exposing stands in custody.

The wire rope coils can be mounted on wire reels, on the 4 rows of the exposing stand.

GALVANIZED GENOVESE CHAINS



Electrolytically galvanized chains,
delivered on metallic reels



Link size	Linear weight	h x l	Quantity / reel
[mm]	[kg/m]	[mm]	[m]
1.6	0.042	13 x 4	100
2.2	0.095	15.2 x 6.2	100
2.8	0.14	17 x 6.6	100
3.5	0.22	20 x 7.5	100
4.5	0.37	22 x 8.5	65
5.5	0.56	37 x 10	40
6.5	0.8	30.5 x 11.5	25
7.5	1.1	32 x 12.5	25

Chain display



The lengths of the chains on the reel can differ depending on the type of reel that is used.

For exposal in deposits and store, we can provide exposing stands.





STRIPS AND WEBBING SLINGS



Specifications:

Webbing slings

- Material: polyester, polypropylene, polyamide, cotton, mixture
- Aspect: canvas, rips, tubular, diagonal, various contexts
- Colors: monochrome, color mixtures (see colors section)
- Width: 3 - 115mm, 150 - 270 mm
- Thickness: 1 - 5 mm
- Tensile strength: max. 4500 kgf
- Rubber piping for better adherence.

Strips

- Material: polyester, polypropylene, polyamide, cotton, mixture
- Colors: monochrome, color mixtures (see colors section)
- Width: 3 - 115mm, 150 - 270mm
- Fabrication: woven or knitted
- Aspect: canvas, rips, tubular, diagonal, various contexts
- Thickness: 0,69 - 1,6 mm

Cords

- Material: polyester, polypropylene, polyamide, cotton, mixture
- Colors: monochrome, color mixtures (see colors section)
- Diameter: 1.5 - 6.5 mm
- Fabrication: woven, twisted, braided

Elastic cords

- Material: polyester, polyamide, cotton, mixture
- Colors: monochrome, color mixtures (see colors section)
- Width: 5 - 100 mm
- Fabrication: woven or knitted
- Personalized (logo, text)
- Rejane elastic grip for technical and sporting use.

Ribbons

- Material: polyester, polyamide, cotton, mixture, metallic wire
- Colors: monochrome, color mixtures (see colors section)
- Width: 3 - 100 mm
- Aspect: transparent, satin, semi-satin, decorative, rustic, jacquard, rips
- Printed ribbons: 1 - 5 colors, gold and/or silver print.

Color range

- Monochrome: red, yellow, blue, green, orange, black, white, beige, pink etc.
- Combinations of two or more colors.
- Printing or weaving identification elements(text, logo, etc.) on length

POLYPROPYLENE CORDS AND ROPES



The flexibility, high resistance to wear, acids and UV radiations make the ropes and cords a product with a vast range of use.

The products have a high resistance to tearing and have a high safety factor, which makes them ideal for use in areas such as sport climbing, utility alpinism, children's play areas, areas where safety is a very important selection criterion.

Other areas of application in which these products are substituted for other products in the lifting and anchoring areas because of the high flexibility and high wear resistance and low specific weight and saline environment resistance are: anchoring boats, sailboats, pulling optical cables underground.

CORDS

Diameter	Construction	Colors	Delivery	Fields of use	Characteristics
2...7 mm	knitted	white, red, green, brown, black, bicolor, tricolor	Coils of 150-300 m	constructions, gardening, agriculture, industry, hobby	Resistant to moisture, UV radiations, strong acids
3...6 mm	knitted	white, black-white, white-blue, white-green	Pieces of 10-20 m		
3...6 mm	twisted	white	Coils of 100 m		
3...6 mm	braided		Coils of 100 m		
2,5...3,5 mm	braided	TORNADO	Coils of 100 m		

ROPES

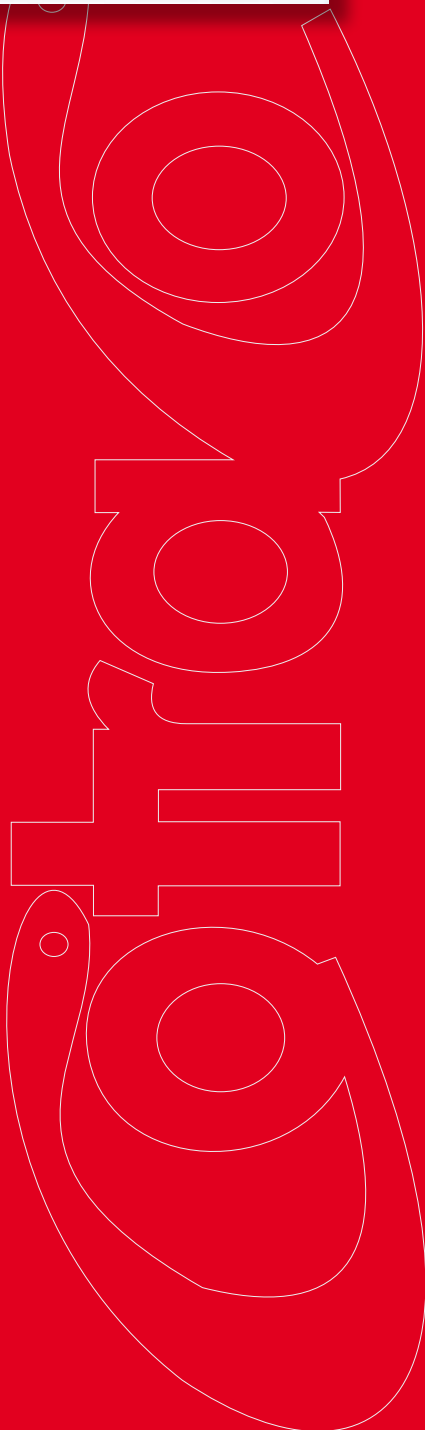
Diameter	Construction	Colors	Delivery	Fields of use	Characteristics
8...18 mm	knitted	bicolor, tricolor	Coils of 50-100 m	constructions, gardening, agriculture, industry, hobby	Resistant to moisture, UV radiations, strong acids
8...10 mm	knitted	alb-rosu, alb-vernil	Pieces of 10-20 m		
8...16 mm	twisted	white	Coils of 50 - 100 m		
8...16 mm	braided		Coils of 50 - 100 m		

STRINGS

Diameter	Construction	Colors	Delivery	Fields of use	Characteristics
4...5 mm	braided	TORNADO	Coils of 100 m	yachting, alpinism, anchoring banners	



Materials: polypropylene (PP), polyamide (NY), polyester (PE)



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