
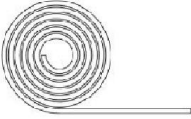
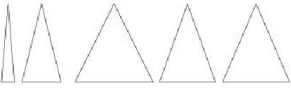



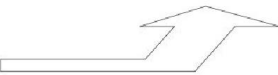
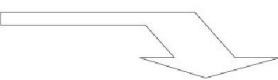
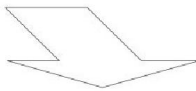




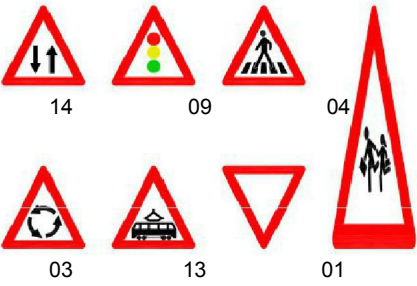
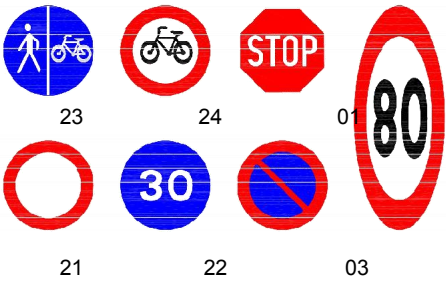




# CATALOGO 2017

Symbols	Description	Code	Sizes mm.	Pieces for Box	Price Each	Price for Box	
	LINEEE	10100001003	1000 x 100	30	2,78	83,40	
		10100001022	1000 x 120	25	3,29	82,25	
		10100001021	1000 x 150	20	3,99	79,80	
		10100001004	1000 x 200	15	5,56	83,40	
		10100001023	1000 x 250	10	6,38	63,80	
		10100001005	1000 x 300	10	7,53	75,30	
		10100001007	1000 x 500	5	12,14	60,70	
		10100002001	500 x 500	10	6,38	63,80	
	ROLLS	10100001024	5000 x 50	10	10,96	109,60	
		10100001009	5000 x 100	5	14,25	71,25	
		10100001026	5000 x 120	5	15,40	77,00	
		10100001010	5000 x 150	5	17,91	89,55	
	Triangles	10100005005	6000 x 2000	1	120,50	120,50	
		10100005006	2000 x 1000	1	33,02	33,02	
		10100005007	500 x 500	30	2,84	85,20	
		10100005002	700 x 500	25	3,97	99,25	
		10100005004	700 x 600	20	4,77	95,40	
	Incomming Arrow	L	5000 x 2900	1	182,19	182,19	
		R					
	Stright arrow	10200011001	5000	2	45,23	90,46	
		10200011002	7500	1	57,37	57,37	
	Arrow head str.t	10200050001	2050	2	20,62	41,24	
	Arrow left	L	10200007003	2500	2	31,05	62,10
		L	10200007001	5000	2	56,80	113,60
		L	10200007002	7500	1	83,43	83,43
		L	10200007004	22000	1	248,77	284,77
	Arrow Right	R	10200008003	2500	2	31,05	62,10
		R	10200008001	5000	2	56,80	113,60
		R	10200008002	7500	1	83,43	83,43
		R	10200008004	22000	1	284,77	284,77
	Arrow head Left and right	L	10200016001	2500	2	30,71	61,42
		R	10200015001				
		L	10200016002	3500	2	39,00	78,00
		R	10200015002				
	Bicycle	1030000800	700	5	16,39	81,95	
		1030000800	1000	5	20,62	103,10	
		1030000800	2000 x 1500	2	49,53	99,06	
	Motorbike Yellow	1030000600	800 x1050	5	20,62	103,10	
		1030000600	2000 x 1500	2	49,53	99,06	
	Pedestrian	10300032001	750	5	21,00	105,00	
		10300032002	1000	5	28,00	140,00	
	Children	10300009001	1000	5	42,76	213,80	
		10300009002	2000	2	69,02	138,04	

antiskid +10%, High visibility +20%, colored +20%

Simboli	Codice	Misure mm.	Pieces for	Price for	Price for	
			Box	Each	Box	
	105000xx001	1000 x 1000	1	78,56	78,56	
	105000xx010	2500 x 1000	1	147,32	147,32	
	105000xx011	2500 x 1500	1	183,37	183,37	
	105000xx003	4000 x 2000	1	392,91	392,91	
	105000xx012	4000 x 3000	1	491,14	491,14	
	105000xx013	6000 x 2000	1	491,14	491,14	
	105000xx005	7500 x 2500	1	638,25	638,25	
	105000xx014	10000 x 3000	1	1021,20	1021,20	
		106000xx009	Ø600	2	66,50	133,00
		106000xx010	Ø750	2	72,05	144,10
		106000xx002	Ø1000	1	86,47	86,47
106000xx003		Ø2000	1	235,74	235,74	
106000xx011		3000 x 2000	1	295,98	295,98	
106000xx005		4000 x 2000	1	394,64	394,64	
106000xx012		4000 x 3000	1	591,96	591,96	
106000xx006		6000 x 2000	1	591,96	591,96	
106000xx007		7500 x 2500	1	924,94	924,94	
106000xx013		10000 x 3000	1	1479,90	1479,90	
		107000xx005	600 x 600	2	49,15	98,30
		107000xx006	900 x 600	2	55,66	111,32
		107000xx007	1000 x 1200	1	86,47	86,47
	107000xx002	2000 x 1200	1	186,66	186,66	
	107000xx003	2400 x 1200	1	209,55	209,55	
	107000xx008	3300 x 1900	1	393,95	393,95	
	107000xx009	4000 x 3000	1	753,96	753,96	
	107000xx010	6000 x 2000	1	753,96	753,96	
	107000xx011	7500 x 2500	1	1178,07	1178,07	
	107000xx012	10000 x 3000	1	1884,90	1884,90	

Symbols	Sizes mm.	Pieces for	Price for	Price
		Box	each	Box
	750 x 750	1	32,78	32,78
	1000 x 1000	1	42,88	42,88
	1000 x 2000	1	62,36	62,36
	2000 x 2000	1	87,96	87,96

	"TELEPASS – GIALLO "VIACARD" - BLU	750 x 750	1	32,78	32,78

Letters & numbers (€/each)	200 mm	300 mm	500 mm	1200 mm	1600 mm	2400 mm	3000 mm	4000 mm
1,2,3, A, B, C	6,58	8,92	11,33	20,94	28,41	51,49	80,43	142,64



## PREFORMED Thermoplastics -Arrows and Symbols

### Step by Step Instructions

- 1) Clean Surface: Clean intended application area thoroughly. All loose particles, sand, dust, etc. should be removed. If possible, utilize a power blower or compressed air, otherwise sweep loose debris completely.
  
  - 2) Layout/ Pre-mark Markings: Know how you will position all connecting parts (lines, legends, or symbols) onto the pavement surface prior to pre-heating. There should be no gaps between the adjoining segments. Outline or premark the area where the marking will be placed using chalk or lumbar crayon. Check to ensure that proper layout and alignment is obtained before moving to step three. Once the marking has been traced, or the area delineated, remove the marking from the pavement.
  
  - 3) Surface Pre-Heat Instructions: Using a magnum-type Heat Torch or similar heat source, utilize the pre-set pilot valve setting to get a blue flame with an orange or yellowish tip. Then squeeze the torch handle to achieve maximum output. Hold the torch nozzle 8-10 inches above the pavement. Using the torch in a circular motion, preheat the surface to a minimum temperature of 275°F. Extend the heating 3-6 inches outside of the premarked area. Do not attempt to preheat an area larger than 4' x 4' at any time. Properly heated asphalt should turn a deep solid black color. Note: concrete surfaces may spall when heated with the torch; therefore safety glasses must always be worn when applying onto Portland cement surfaces. Use an infrared thermometer to check the surface temperature for a minimal reading of 275°F across the entire target area.
  
  - 4) Place Marking: Once the surface temperature of the targeted area reaches 275°F, immediately position the first segment with exposed glass beads up. Try not apply in pieces larger than 4' x 4' at any time. If using a torch similar to the Magnum, the applicator should utilize the preset pilot valve setting (do not squeeze handle) to get orange tipped flame to heat the material. Do not operate the Magnum torch at maximum output. Hold the torch so that the torch nozzle is 6-8 inches over the Preformed Thermoplastic material. If material is splattering with the introduction of the torch, the flame is too close to the material or the pilot valve needs to lower the intensity and eliminate the splattering.
  
  - 5) Heat / Torch the Marking: Begin heating the placed marking by moving the flame from your torch slowly but steadily over the material. The material must be heated to its temperature to achieve a bond with the pavement. Insufficient heat will result in inadequate bonding and failure. Overheating the material will sink the top coating of beads into the material and result in pavement markings with low retroreflective values. To ensure that heat is evenly applied to the entire marking, move the torch in a sweeping motion, approximately 2' wide, keeping the nozzle of the torch about 6 to 8 inches above the material. Caution: Maintain a minimum distance of 6 inches between the torch nozzle and the material. Any closer will cause superficial scorching of the material without adequate melting throughout.
- IMPORTANT:** During heating, Preformed Thermoplastic will soften and begin to conform to the pavement surface to



*which it is applied. Additionally, the material may bubble and change color, turning slightly darker or paler. If the material does change color, move the torch to another section to avoid scorching that material.*

6) Check Bond: Inspect the recently applied marking to ensure that complete bonding has occurred over the entire area.

After the product has cooled to near ambient temperature, cut an area in the interior of the material with a chisel where it appears the material received the least amount of heat. For white product this will appear the whitest in color.

Applied on asphalt: If the material can be lifted without evidence of asphalt on the underside, insufficient heat has been applied.

Applied on Portland cement concrete: When trying to lift the product, adequate bonding has occurred if the thermoplastic separates and part of the thermoplastic remains stuck to the pavement.

7) Beads: Preformed Thermoplastic is manufactured with surface applied and intermix glass beads to provide both high initial retroreflectivity and sustained reflectivity throughout its useful life. The product can be supplied without pre-applied surface beads (i.e. reversible turn arrows). When working with non-beaded material, beads must be applied to the surface in a uniform and even manner during application while the material is in the molten state to provide adequate initial retroreflectivity.

8) Dry Time: Preformed Thermoplastic will cool and set within a couple of minutes of application. Dry times will vary based on roadway temperature, thickness of material and the amount of heat applied during application. If desired, setting time can be reduced by covering the applied marking with water after application.