

Product information sheet

Product Name: **Rubber Car Stop**

Models: 6', 4', 3' long

Manufacturer: GNR Technologies Inc., 990 Upton, Lasalle, QC H8R 2T9
Tel.: (514) 366-6116, Fax: (514) 366-6440

Product Description: 1. Material: compression molded composite of the 100% recycled rubber and polyurethane prepolymer

2. Physical properties of the rubber composite:

a) Density	0.6 oz/cu in	(ASTM C642)
b) Durometer Hardness	65A ± 7	(ASTM D2240)
c) Tensile Strength*	minimum 210 psi	(ASTM D412)
(* main structural areas)		
d) Compression deformation	10% at 70psi, 68°F	(ASTM D575)
e) Brittleness at Low temperature:	-40°F	(ASTM D746)
f) Freeze and thaw when exposed to deicing chemicals	no loss after 50 cycles	(ASTM C672)
f) Coefficient of thermal expansion:	8×10^{-5} in/in/°F	(ASTM C531)
g) Weathering 70 hours at 158°F		(ASTM D573)

- hardness retained 100% (± 5%)
- compressive strength 100% (± 5%)
- tensile strength 100% (± 5%)
- elongation retained 100% (± 5%)

3. Available models: 6', 4' and 3' long

4. Basic dimensions and nominal weights as per attached drawings

5. Finishing: Black with painted reflective yellow, blue or white parallelograms as per attached drawings

Installation methods: a) with spikes 14" long (minimum diameter ½", recommended 5/8")

- 4 spikes for 6' model
- 3 spikes for 4' model
- 2 spikes for 3' model

b) with the lag bolts 6" long with 3" long lead shields (minimum diameter ½", recommended 5/8")

- 4 spikes for 6' model
- 3 spikes for 4' model
- 2 spikes for 3' model

c) with polyurethane adhesive (recommended PL Premium)

- 300 ml. per 6' model
- 200 ml. per 4' model
- 150 ml. per 3' model

Components:

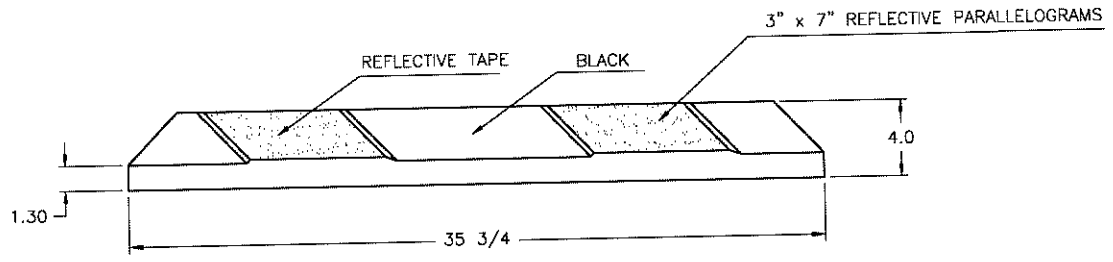
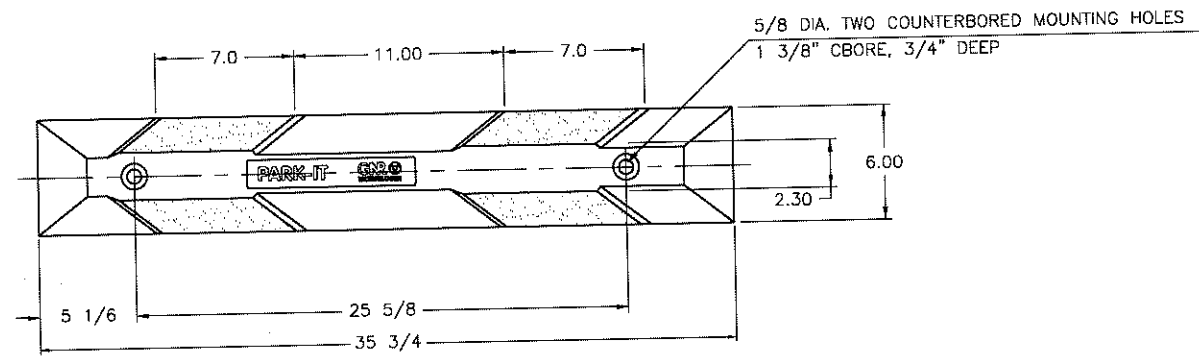
- a) 100% recycled rubber from car and truck tires (NR, SBR)
- b) polyurethane prepolymer for rubber granules
- c) 2- component polyurethane coating for recycled rubber (yellow, blue, white)
 - tensile strength minimum 1,000 psi (ASTM D2370)
 - UV stable
 - elongation minimum 200% (ASTM D2370)
 - abrasion maximum 20 mg loss (ASTM D4060)
- d) glass beads

Attached Drawings:

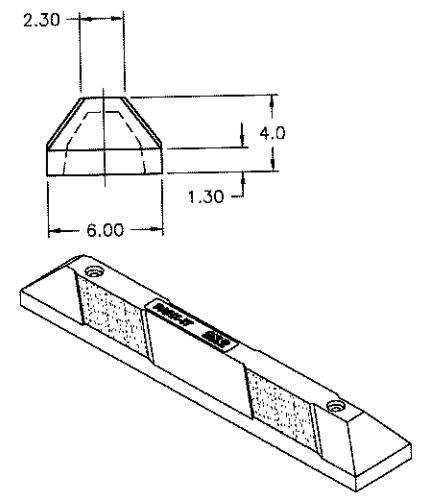
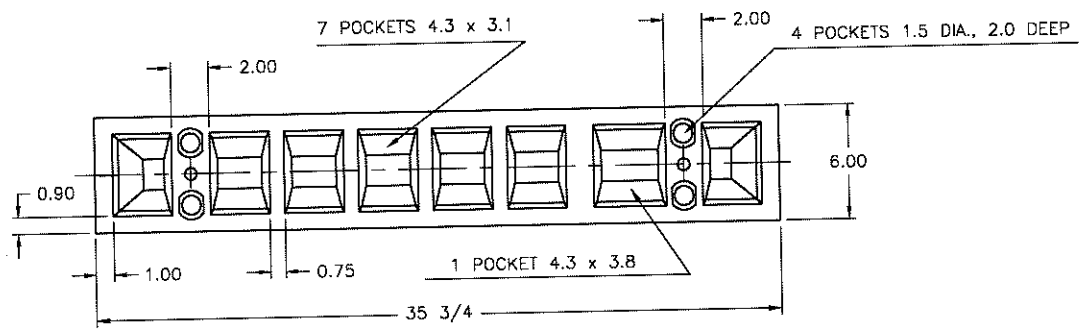
- 6' model, drawing No. 34PC02V2
- 4' model, drawing No. 22PC02V2
- 3' model, drawing No. 17PC02V2
- 14" rebar spike, drawing No. 05SP01

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

TOP VIEW



BOTTOM VIEW



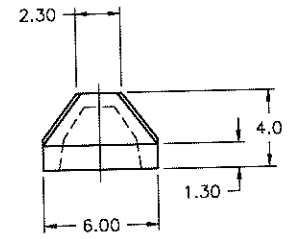
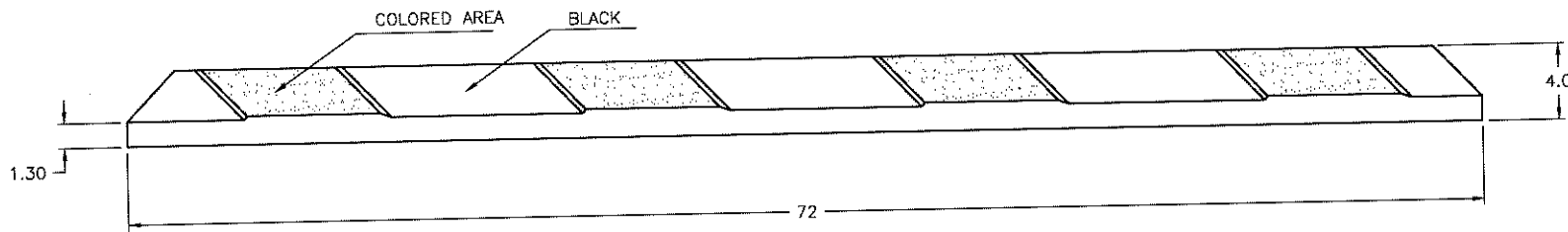
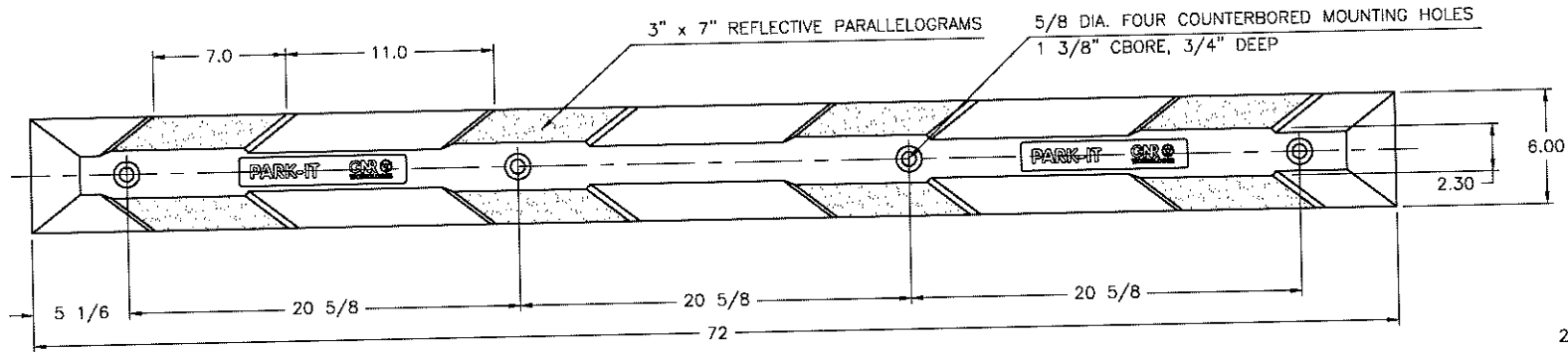
PRODUCT SPECIFICATIONS:

1. MATERIAL: COMPRESSION MOLDED RECYCLED RUBBER COMPOSITE
2. NOMINAL DIMENSIONS: 35 3/4" L x 6" W x 4" H
3. NOMINAL WEIGHT OF THE PRODUCT: 17 lbs.
4. COLOR: BLACK WITH REFLECTIVE YELLOW, BLUE OR WHITE STRIPES

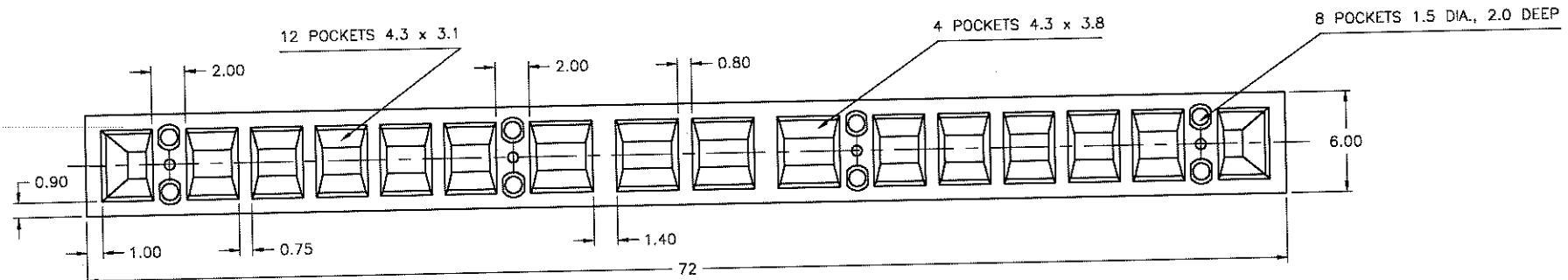
UNLESS OTHERWISE SPECIFIED : DIMENSIONS ARE IN INCHES		GNR TECHNOLOGIES INC.	
TOLERANCES		RUBBER PARKING CURB	
DECIMALS	ANGULAR	3 FT. MODEL	
.x ± 1/8"	± .05 °	SCALE	1=5
.xk ± 1/16"		DWG NO	17PC02V2-1
DRAWN	S. JONASZ	DATE	JUL. 26/99
CHECKED		DATE	
DESIGN	S. JONASZ	DATE	JUL. 26/99
		MATERIAL	SHEET
			SIZE
			C

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TOP VIEW

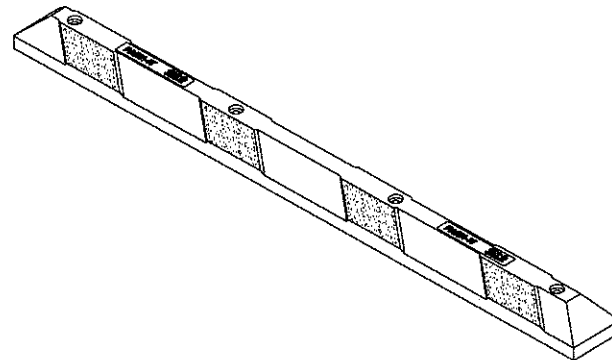


BOTTOM VIEW



PRODUCT SPECIFICATIONS:

1. MATERIAL: COMPRESSION MOLDED RECYCLED RUBBER COMPOSITE
2. NOMINAL DIMENSIONS: 72"L x 6"W x 4"H
3. NOMINAL WEIGHT OF THE PRODUCT: 34 lbs.
4. COLOR: BLACK WITH REFLECTIVE YELLOW, BLUE OR WHITE STRIPES



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UNLESS OTHERWISE SPECIFIED : DIMENSIONS ARE IN INCHES		GNR TECHNOLOGIES INC.	
TOLERANCES		RUBBER PARKING CURB	
DECIMALS	ANGULAR	6 FT. MODEL	
.x ± 1/8"	±.05°	SCALE	1=5
.xx ± 1/16"		DWG NO.	34PC02V3
DRAWN	S. JONASZ	DATE	JUL. 26/99
CHECKED		MATERIAL	SHEET
DESIGN	S. JONASZ	DATE	JUL. 26/99
			SIZE
			C