

# PVC SAFESTRIP\*

## INSULATION SCREENS - CS, CF, SCF series

### Special Features

- Made from Cadmium free materials
- Resistant to a wide range of chemicals (see Chemical Resistance Table)
- Silicone free
- Abrasion resistance - excellent
- High quality PVC material
- Temperature -30°C to +60°C
- Unique manufacturing process

### General Description

**Copely Developments'** PVC Safestrip is already a market leader, both at home and overseas. Our original design and manufacturing method, which was protected by Patent No. 1604436 has seen continuous development over the last 20 years and many thousands of tonnes have been sold to a wide variety of industries. PVC Safestrip is made in a high quality, low toxic, Cadmium free PVC material offering extremely good clarity and consistency of colour tint and dimensional tolerances.

PVC Safestrip is used for internal and external thermal partitions, for a barrier against fumes, dust or flying insects, birds etc. It is used for reduction of noise levels between production areas in factories. Quiet areas, for example areas for Quality Inspection in an otherwise noisy environment.

Special grades of Safestrip are used in "Welding Curtain". These grades are generally coloured Green with reduction of harmful UV light of 99%.

PVC Safestrip will resist the continual passage of vehicular traffic and has proved to be the Number One choice of specifiers where abrasion resistance is required. A "Buffer" quality of Safestrip is available for extreme conditions, where "Standard" material has limited life.

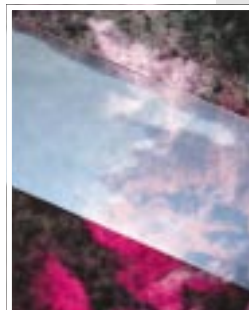
Special qualities are available for low temperature applications "Coldstore Safestrip" and for deep freeze requirements our "Super Polar Grade" is available.



CLEAR "BUFFER" STRIP



DAY GLO "BUFFER SAFESTRIP



CLEAR SAFESTRIP



CORPORATE COLOURS



WELDING STRIP



MARKER SAFESTRIP



HANGING SYSTEM



## PVC SAFESTRIP

(U.K. And European Sizes)

Product Ref.	Size		Weight per roll kgs	Standard Quality 'CS'	Coldstore Quality 'CF'	Super Polar 'SCF'	Welding Green 'GS'	Welding Bronze 'BWS'	Weight per roll Buffer
	Wide	Thick							
100/1	100	1	7.3	/	/	X	X	X	
200/2	200	2	24.4	/	/	/	X	X	
200/3	200	3	38.1	/	X	X	X	X	
200/5	200	5	61.0	/	X	X	X	X	
300/2	300	2	38.1	/	X	X	/	/	
300/3	300	3	55.0	/	/	/	X	X	68.2
300/5	300	5	91.5	/	X	X	X	X	
400/3	400	3	73.0	/	X	X	X	X	
400/4	400	4	99.5	/	/	/	X	X	112.6
400/5	400	5	122.0	/	X	X	X	X	

Available ex stock in 50m length / Stock Item X Available against minimum manufacturing run

### Notes

a) 'CS' Standard quality - suitable for temperatures down to around 0°. The material has softness of BS. 49 and Shore 73 hardness. **Coldflex** temperature @ -20°C, cold bend temperature @ -40°C.

b) 'CF' Coldstore quality - suitable for lower temperature environments. The material has softness BS. 72 and Shore 61 hardness. **Coldflex** temperature @ -33°C, cold bend temperature @ -65°C.

c) We also produce against special order, our SCF-Super Polar Grade. The material has softness BS. 81 and Shore 57 hardness. **Coldflex** temperature @ -58°C, cold bend temperature @ -70°C.

### Special Note

Please note that the 'Coldflex' temperature means the temperature at which the material becomes hard and will not break, and the 'cold bend' temperature is the temperature at which the material will break if flexed. These temperature ratings are calculated against British Standards test methods and are conducted under laboratory controlled conditions.

Environmental conditions, amount of traffic and the degree of abrasion will affect the longevity of "Safestrip" in use, for example, rough pallets and sharp objects will form cuts on the surface and reduce effective life. Ice build up, wind chill effect and relatively high impact will also reduce effective life.

### Fire Performance of PVC Safestrip Material

Safestrip material has an oxygen index value of 23-24%. This value represents the percentage of oxygen in a controlled oxygen/nitrogen atmosphere that is required to maintain combustion.

The fact that a "normal" atmosphere will contain approximately 21% oxygen means that PVC Safestrip can be considered effectively as 'SELF EXTINGUISHING'.

### Note:

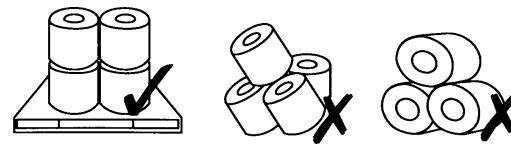
As with many materials, PVC on burning will give off dense smoke and toxic fumes such as hydrochloric acid and carbon monoxide. One must also consider the "Chimney Effect" of vertical burning and of course the close proximity of more combustible materials such as wood that have a lower oxygen index and which would promote fire in the area of PVC Safestrip. PVC must be considered a very safe material and is currently used in many forms in building, for example "Window Frames" and should be judged in relation to other materials when assessment of fire resistance is considered.

### PVC "Safestrip-Sheet" Stock Items

Product Ref.	Nominal Weight/Coil (KGS)	Standard Roll Length
CS1000/3	73.20	20m
CS1000/5	122.00	20m
CS1000/7	170.80	20m
CS1000/10	122.00	10m
CS1200/3	87.80	20m
CS1200/5	146.40	20m
CS1200/7	205.00	20m
CS1200/10	146.40	10m
CS1500/3	109.80	20m
CS1500/5	183.00	20m
CS1500/7	256.20	20m
CS1500/10	183.00	10m
CS1800/5	109.80	10m
CS1800/7	153.70	10m
CS1800/10	219.40	10m
CS2200/5	134.20	10m
CS2200/7	187.90	10m
CS2200/10	268.40	10m

### Handling and Storage

There are no transport or storage hazards, but due care should be taken while the ROLLS OF "SAFESTRIP" ARE IN COILED FORM NOT to store in wet or on damp floors or areas of high humidity. Keep away from heat or direct sunlight. These precautions do not apply once the strip is hanging in situ. See storage description (as diagram).








### Hanging Systems for PVC Safestrip Products

#### STAINLESS STEEL SYSTEM - FOR BOTH INDUSTRIAL & FOOD APPLICATIONS

Description	Size/Length
Stainless Steel Hanging Rail	985mm Long
Stainless Steel Hanging Rail & Valance	985mm Long
Stainless Steel Clamp Assembly	200mm Long
Stainless Steel Clamp Assembly	300mm Long
Stainless Steel Clamp Assembly	400mm Long

#### UPVC HANGING SYSTEM - FOR REFRIGERATED FOOD CABINETS

Description	Length	
Top Clip Section		
Bottom Clip Section		3 Metre
Bottom Track		
Handles		Each Nett
Receptors		Each Nett
3M 4965 VBH Adhesive Strip		33 Metres

### Technical Data

	BS Softness Number	Shore Hardness 'A' Scale	*Coldflex Temp. °C	*Cold Bend Temp. °C	Recommended Temp. Range °C
Standard Quality 'CS'	49	73	- 20	- 40	+60 - 5
Coldstore Quality 'CF'	72	61	- 33	- 65	+20 - 15
Super Polar Quality 'SCF'	81	57	- 58	- 70	+10 - 35



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