



## **SLEEPING POLICEMAN**

A special foam, which is used e.g. for protectors is the basis for this idea. Depending on the impact force and speed the foam is able to change its characteristics from soft to hard.

***Why don't use this material for sleeping policeman?***

The impact of the car tire on the material depends on the vehicles

speed. When the car moves with the given speed limit the shore degree of the foam-bollard stays soft. The driver has a comfortable ride.

But if the impact of the vehicle tire on the bollard is quicker the materials elasticity proportionally changes from soft to hard. The unpleasant collision will remind the driver for riding too fast.



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