

The German Federal Office for Radiation Protection (BfS) has responded to the frequently asked question:

## Are magnetic clips for name badges harmless?

Carrying small permanent magnets near the body, for instance as magnet clips for name tags, is generally harmless. These applications represent a very locally limited exposure to weak static magnetic fields. When such magnet clips are used normally, the known biological thresholds are in no way reached. However, interference to some heart pacemakers by small magnetic fields cannot be ruled out. From around 1 mT magnetic flux density, interference to, say, magnetic cards, credit cards and watches is also conceivable. We do not, therefore, recommend that name tags be worn right over implanted heart pacemakers nor that sensitive magnetic cards be kept in jacket pockets.

Source: German Federal Office for Radiation Protection (Enter the search term "Dauermagnete" in the search field at [www.bfs.de](http://www.bfs.de). Information available in German only.) • Version: 01.06.2015

### Safety tip

badgepoint® recommends that all carriers of pacemakers use pins or clips instead of magnets. Credit cards, IDs and magnet strips should not be kept in the vicinity of magnets.



## smag® Product features

- » counter magnet and basic magnet securely interlock ("**twist-proof**")
- » new shape with projection for easier lifting ("**easy lift**")
- » kind to clothes (will not pierce)
- » skin-friendly thanks to plastic case
- » low radiation thanks to symmetrical design
- » **smag®** system magnets also available individually
- » all **smag®** system magnets are "Made in Germany"



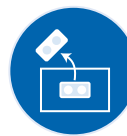
high adhesive strength



twist-proof

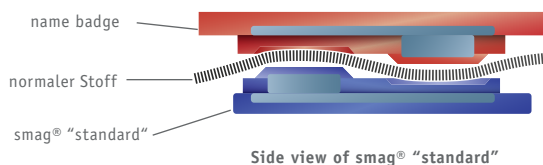


kind to clothing



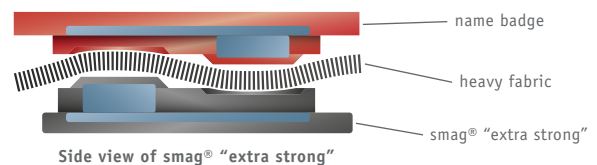
"easy lift"  
easy to open

### smag® "standard" high adhesive strength



Side view of smag® "standard"

### smag® "extra strong" extremely high adhesive strength



Side view of smag® "extra strong"