

DURABLES

RFID / NFC protection



SAFETY FIRST

In recent years transmission technologies have developed and are largely established on the contact-free transmission of personal data via RFID (Radio frequency identification) or NFC (Near-field communication). Data is transmitted and stored to a transponder, which can be read using a reader. Protective products offer protection against unauthorised reading or manipulation.

The resonance circuit of the transponder is clearly shielded by the compound material, which reduces the reading range from a few centimetres to a few millimetres and distorting the frequency so much that no data transmission is possible.

Special benefits:

- > Perfect protection of data due to a shield core
- > Test at wavelengths from 13.56 MHz have proven that the RFID chips could not be read
- > Good flatness and high tear resistance
- > Universal printability



	Sort	Weight gsm	Thickness µm	Application
ENDURO	6821 – ENDURO Effect 155 RFID shield	160	145	<ul style="list-style-type: none"> > Protective covers for credit cards, ID cards and passes > Covers for entrance / access cards > Envelopes, postage packaging and folding bags
	6918 – ENDURO Effect 245 Metal detectable	240	235	<ul style="list-style-type: none"> > Protective covers for credit cards, ID cards and passes > Covers for entrance / access cards > Envelopes, postage packaging and folding bags

All values are average values.



Sihl GmbH
 Kreuzauer Str. 33
 52355 Düren · Germany
 T +49 2421 597 0
 F +49 2421 597 452
 E info@sihl.com

Sihl Inc.
 538 Main Street
 Fiskeville, RI 02823-0139 · USA
 T +1 401 366 7393
 F +1 401 826 3926
 E customerservice@sihlinc.com

www.sihl.com