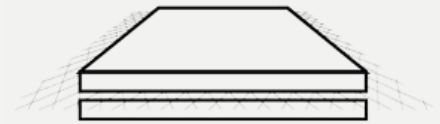


# all-round protection

## Grid mats or intermediate layer grids

SIMA intermediate layer grids are the ideal solution for your production and logistics processes. The grid mats ensure optimal spacing between the products to be protected in storage and transport boxes, pallets, or even mesh boxes. Extensive standard ranges in various colors create individual and safe processes. Different materials depending on the application: LDPE, HDPE, MDPE, PA, PP, and EVA. You can either cut the mat to size yourself or, for larger quantities, have us customize it according to your requirements. On request, we can also manufacture according to your specifications. The material thickness and mesh size will then be tailored to your product.






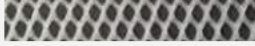
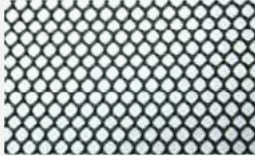




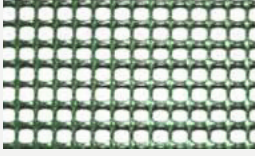

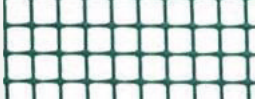


### Function and advantages

- ✓ Various materials: LDPE, HDPE, MDPE, PA, PP, and EVA
- ✓ Space-saving and customized for all load carriers
- ✓ Resistant to common oils and fats
- ✓ Reusable, washable, and recyclable
- ✓ Protection of sensitive surfaces and edges
- ✓ Scratch protection for sensitive products
- ✓ User-friendly packaging
- ✓ High mechanical strength
- ✓ Separation grids for washing processes
- ✓ Operational transport protection



Product data sheet

DETAILED VIEW	SIMA ITEM NUMBER	COLOR	WIDTH	MESH	STRENGTH	WEIGHT	MATERIAL
	RT 04/80	neutral	800 mm	4x4	1,8 mm	340 g/m <sup>2</sup>	LDPE
	RT 05/120	neutral	1200 mm	5x5	2,2 mm	440g/m <sup>2</sup>	LDPE
	RT 05/100	neutral	1000 mm	4,5x4,5	2,5 mm	520 g/m <sup>2</sup>	SOFT LDPE
	RT 05/120	neutral	1200 mm	5x5	2,8 mm	520 g/m <sup>2</sup>	SOFT LDPE
	RT 06/150	neutral	1500 mm	5,7 × 5,7	2,6 mm	600 g/m <sup>2</sup>	SOFT LDPE
	RT 05/120	neutral	1200 mm	4,5 x 4,5	2,9 mm	690 g/m <sup>2</sup>	LDPE
	RT 05/120	neutral	1200 mm	5 x 5	3,7 mm	960 g/m <sup>2</sup>	LDPE
	RT 04/100 BIS	khaki	1000 mm	4 x 4	1,6 mm	220 g/m <sup>2</sup>	HDPE
	RT 04/120 BIS	khaki	1200 mm	5,5 × 5,5	1,6 mm	220 g/m <sup>2</sup>	HDPE
	RT 04/150 BIS	khaki	1500 mm	7 × 7	1,6 mm	220 g/m <sup>2</sup>	HDPE
	RT 06/120 LD	green	1200 mm	6 x 6	2,5 mm	520 g/m <sup>2</sup>	LDPE
	RT 07/150 LD	black	1500 mm	7x7	2,5 mm	520 g/m <sup>2</sup>	LDPE
	RT 05/100 HD	khaki	1000 mm	5 x 5	1,75 mm	360 g/m <sup>2</sup>	HDPE
	RO 2/120	green	1200 mm	20 x 20	3,4 mm	420 g/m <sup>2</sup>	LDPE
	RO 2/130	black	1300 mm	20 x 20	3,4 mm	420 g/m <sup>2</sup>	LDPE
	RTW 05/154	black	1540 mm	5 x 5	3,5 mm	630 g/m <sup>2</sup>	MDPE
	B 04/100	brown	1000 mm	4 x 4	1,05 mm	220 g/m <sup>2</sup>	HDPE
	B 05/120	green	1200 mm	4,5 x 4,5	0,90 mm	250 g/m <sup>2</sup>	HDPE
	B 07/120	dark green	1200 mm	7 x 7	1,15 mm	300 g/m <sup>2</sup>	HDPE
	B 1	Silver/Gray	1000 mm	10 x 10	1 mm	280 g/m <sup>2</sup>	HDPE
	B 17/100	black-green	1000 mm	17 x 17	1,5 mm	280 g/m <sup>2</sup>	HDPE
	B 1,7/120	black-green	1200 mm	17 x 17	1,5 mm	280 g/m <sup>2</sup>	HDPE

# all-round protection

## Polyethylene mesh hose - Surface mesh



The tubular extruded surface protection net made of environmentally friendly LDPE offers optimum protection during handling and transport of your valuable workpieces. The special diamond-shaped mesh ensures that the net adapts perfectly to the object to be secured. This guarantees that surfaces and edges are protected all around. The recyclable nets are resistant to oils and greases as well as most acids and bases. They are also reusable and therefore particularly economical. Our nets are available in various colors, thicknesses, and dimensions on rolls, as cut-to-size pieces, or as single-sided welded cut-to-size pieces. Our extensive standard range offers the right net for everyone. Custom-made products are available on request. The elastic net tube is the optimal solution for your production and logistics process. The different colors and diameters provide a quick overview. Our surface protection nets are used in many areas for all-round protection, e.g., of precision turned parts, spindles, rollers, threads, ball bearings, glassware, sanitary ceramics, gas cylinders, and much more.

### Use

The protective net can be delivered in a dispenser box. This box not only protects the net but also ensures easy unrolling. The desired length can be easily cut to size with scissors.

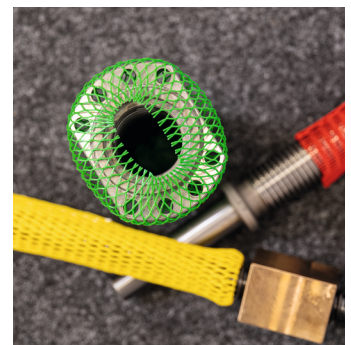
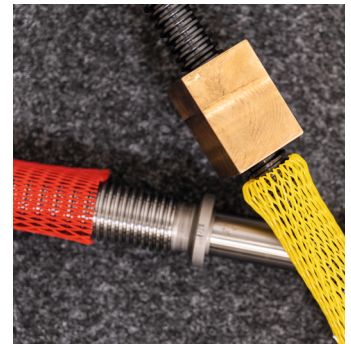
### Function and advantages

- ✓ Various materials: LDPE, HDPE, MDPE, PA, PP, and EVA
- ✓ Space-saving and customized for all load carriers
- ✓ Resistant to common oils and fats
- ✓ Reusable, washable, and recyclable
- ✓ Protection of sensitive surfaces and edges
- ✓ Scratch protection for sensitive products
- ✓ User-friendly packaging
- ✓ High mechanical strength
- ✓ Separation grids for washing processes
- ✓ Operational transport protection

### Various areas of application

- ✓ Metalworking companies such as turning shops, grinding shops, forging shops, pressing and hammering shops, threading technology, etc.
- ✓ Gas cylinder manufacturers and fillers
- ✓ car manufacturer
- ✓ Space and aviation
- ✓ furniture industry
- ✓ precision engineering
- ✓ sanitary ware

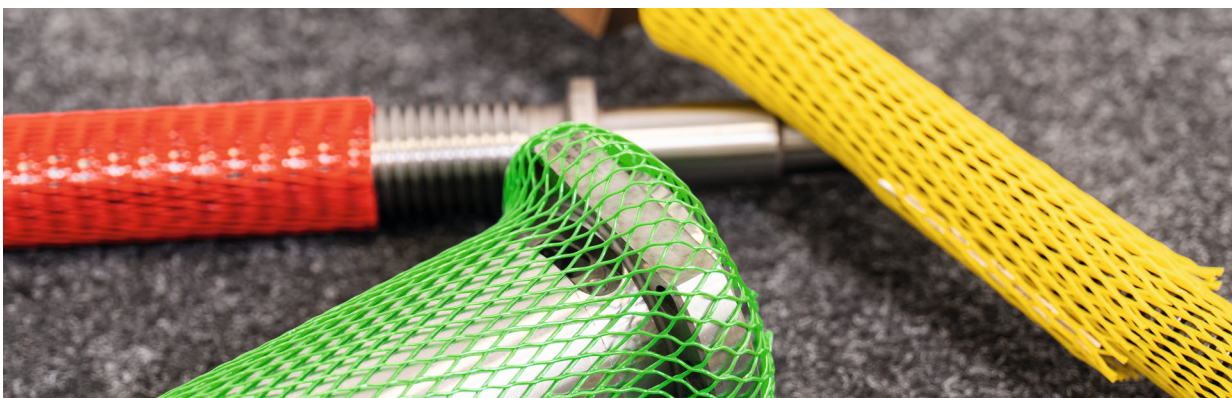
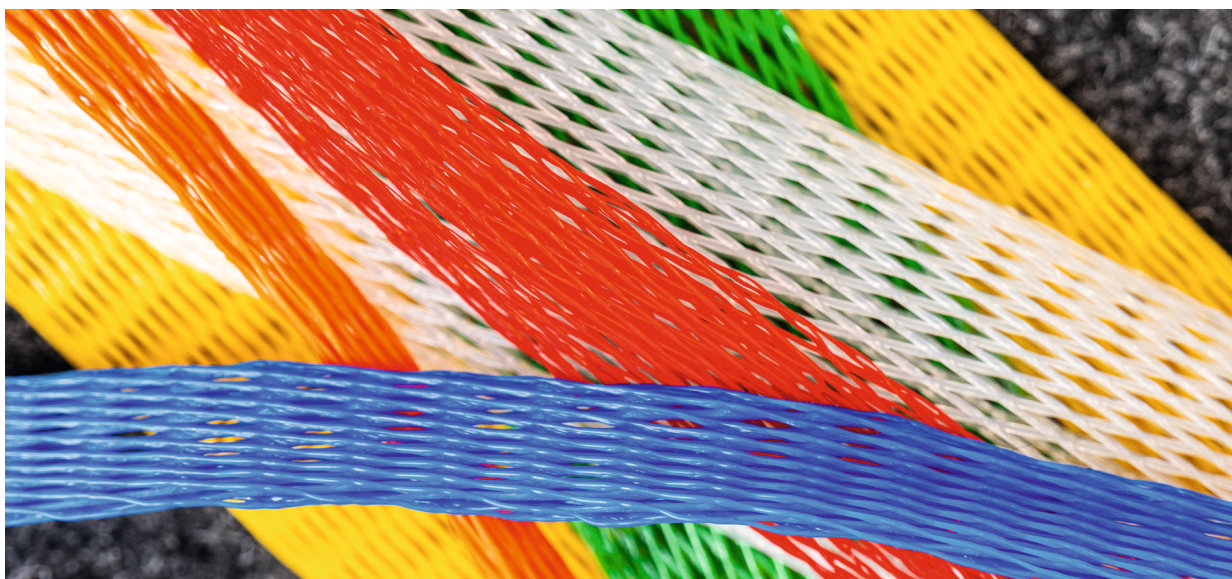
*Further designs and sections available on request!*



SIMA ITEM NUMBER	COLOR	Ø MIN-MAX	WEIGHT	LENGTH (LINEAR METERS PER ROLL)
<b>LIGHT PROGRAM</b>				
531981	light green	25-50 mm	15 g/m	300
531992	light green	40-70 mm	13 g/m	500
531967	yellow	50-100 mm	41 g/m	150
531993	red	50-120 mm	14 g/m	250
531995	green	100-200 mm	58 g/m	100
<b>STANDARD-PROGRAMM</b>				
531853	neutral	8-10 mm	10 g/m	400
531854	orange	10-20 mm	12 g/m	400
531855	blue	15-25 mm	20 g/m	300
531952	yellow	25-50 mm	30 g/m	200
532036	green	30-60 mm	50 g/m	50
532066	yellow	40-60 mm	40 g/m	150
531857	red	50-100 mm	50 g/m	100
532037	blue	80-120 mm	80 g/m	50
531969	yellow	90-160 mm	100 g/m	50
531968	orange	100-200 mm	114 g/m	100
531988	blue	200-300 mm	122 g/m	50
<b>SCHWERPROGRAMM</b>				
532031	blue	15-25 mm	35 g/m	200
531989	yellow	25-50 mm	40 g/m	200
531858	green	100-200 mm	154 g/m	50
532129	brown	50-100 mm	90 g/m	50

SIMA ITEM NUMBER	COLOR	Ø MIN-MAX	WEIGHT	LENGTH (LINEAR METERS PER ROLL)
531981	light green	25-50 mm	15 g/m	300
531992	light green	40-70 mm	13 g/m	500
531967	yellow	50-100 mm	41 g/m	150
531993	red	50-120 mm	14 g/m	250
531995	green	100-200 mm	58 g/m	100

On request, we are happy to offer you further designs and sections of our mesh mats, surface protection nets, and nets for gas cylinders, sanitary facilities, and other products. Please contact us!



**Sima GmbH**  
 Anton-Tonoli-Straße 3 77790 Steinach  
 Tel. +49 (0) 78 32 - 9 75 30 - 0  
 Fax: +49 (0) 78 32 - 9 75 30 - 23  
 info@sima-handel.com  
[www.sima-handel.com](http://www.sima-handel.com)

