

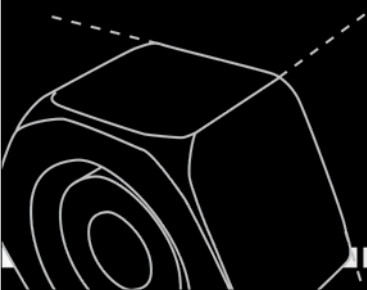
## HYDRAULIEK

- slangen
- snijringkoppelingen & adapters
- hogedruk buis
- flenzen
- pijpbeugels
- snelkoppelingen
- kogelkranen & ventielen



# DYNAMIEK IN HYDRAULIEK

Slangbescherming



## SAFE-SLEEVE (MSHA) & SAFE-WRAP

What? offer full protection for operators and hoses

- ✓ Pin Hole –tested:
  - prevent direct fluid sprays by dispersing the oil into fog
- ✓ fulfill the requirements of standards
  - EN 12999 and EN ISO 3457
- ✓ recyclable
- ✓ UV-tolerant
- ✓ great chemical tolerance
- ✓ excellent abrasion resistance
- ✓ Safe-Wrap with Velcro® fasteners
  - own branding possible



Why?

- ✓ hydraulic oil fluid can pierce human skin with only 7 bar pressure.
  - When the oil penetrates dermal tissue and tendons for example through your finger tip it can only be removed in an operation
- ✓ protect you and your workers
- ✓ protect hoses against abrasion
- ✓ bundle hoses together

# HOSE GUARD

ALFAGOMMA HoseGuard is a high quality plastic spiral specifically designed for hose protection in almost every environment. Flexible, elastic, smooth and with a wide temperature range, it ensures an optimal solution against abrasion and shocks.

Made of High Density PolyEthylene by means of an extrusion process, ALFAGOMMA Hose Guard has got rounded edges to avoid any damage to the hose cover. It is easy to mount on hydraulic and industrial hoses to be or already assembled.



## PRODUCT FEATURES

**Material:** HDPE (halogen-free, recyclable)

**Temperature range:** -40 °C +100 °C

**Pack quantity:** 25 or 50 m

**Colour:** black or yellow

**UV/ozone resistance:** very good

**Oil/water resistance:** very good

**Use:** protection of hoses, cables and bundles

## Black

Item Code	Part nr.	ID mm	OD mm	Thickness T mm	Pitch P mm	Recommended hose OD range mm	Weight kg/m	Pack q.ty m
190255	RJS1AG0-0100000	10	12	1,2	10	8 - 12	0,04	25
2	RJS1AG0-0130000	13	16	1,3	12	11 - 15	0,06	25
190255	RJS1AG0-0160000	16	20	2,0	20	14 - 19	0,10	25
4	RJS1AG0-0200000	20	24	2,2	21	18 - 26	0,15	50
190255	RJS1AG0-0270000	27	32	2,5	22	25 - 34	0,20	50
5	RJS1AG0-0350000	35	40	2,7	24	33 - 42	0,30	25
190255	RJS1AG0-0430000	43	50	3,4	30	41 - 54	0,40	25
6	RJS1AG0-0550000	55	62	3,7	37	53 - 65	0,65	25
190106	RJS1AG0-0660000	66	75	4,4	42	64 - 79	0,75	25
7	RJS1AG0-0800000	80	90	4,9	45	78 - 99	1,20	25
190205	RJS1AG0-0990000	100	111	5,5	50	98 - 120	1,75	25
1	RJS1AG0-1270000	127	140	6,5	55	120 - 150	2,50	25

190107

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## Yellow

Item Code	Part nr.	ID mm	OD mm	Thickness T mm	Pitch P mm	Recommended hose OD range mm	Weight kg/m	Pack q.ty m
199002150581	RJS1KG0-0100000	10	12	1,2	10	8 - 12	0,04	25
199007205567	RJS1KG0-0130000	13	16	1,3	12	11 - 15	0,06	25
199010605527	RJS1KG0-0160000	16	20	2,0	20	14 - 19	0,10	25
1903210	RJS1KG0-0200000	20	24	2,2	21	18 - 26	0,15	50
1901077	RJS1KG0-0270000	27	32	2,5	22	25 - 34	0,20	50
1903212	RJS1KG0-0350000	35	40	2,7	24	33 - 42	0,30	25
1901141	RJS1KG0-0430000	43	50	3,4	30	41 - 54	0,40	25
1902558	RJS1KG0-0550000	55	62	3,7	37	53 - 65	0,65	25
1902559	RJS1KG0-0660000	66	75	4,4	42	64 - 79	0,75	25
o.r.	RJS1KG0-0800000	80	90	4,9	45	78 - 99	1,20	25
	RJS1KG0-0990000	100	111	5,5	50	98 - 120	1,75	25
	o.r.	127	140	6,5	55	120 - 150	2,50	25

Further versions (e.g. MSHA and FRAS) not included in this document are available on request. Subject to modifications without notice.

Our standard type textile SAFE-SLEEVE is produced from polypropylene which is very hard-wearing and recyclable.

Polypropylene endures acids and alkalis well.



SAFE-SLEEVE protects people near-by a breaking hose (is pin hole-approved). European standard EN ISO 3457 states that hydraulic hoses must be protected in following cases:

- operating pressure exceeds 5 MPa (=50 bar) or
- temperature exceeds 60 °C and
- the hoses are in common operating place within 1 meter range from the operator and in case of hose breakage the direct fluid spray may reach the operator

In addition, the protectors must be strong enough to stop, spread or turn the fluid from directly hitting the operator once the hose breaks. Standards EN 12999 and EN 4413 also contain protection demands for hose assemblies.

Our Safe-Sleeve fulfils these demands!

Abrasion resistance of SAFE-SLEEVE is excellent (tested to standard SFS-EN ISO 12947-3: minimal mass loss of only 2 mg after 100,000 rubs). This makes it a very good hose protector, as well.

The recommended temperature range is from -40 °C to +80 °C.

SAFE-SLEEVE is UV-protected (lasts at least 120 kLy) and according to UV-aging tests the UV-ageing did not have a significant effect on the tensile properties or colour of the Safe-sleeve. SAFE-SLEEVE has low conductivity of electricity.



SAFE-WRAP is produced from 100 % polyamide with PU coating and Velcro® - brand fasteners which make it very easy and fast to install on hose assemblies afterwards and repeatedly. This makes Safe-Wrap a very cost-effective solution for hose protection and hose bundling. It can be equipped with mounting eyelets and / or straps, too.

Safe-Wraps tensile strength is excellent (EN ISO 13934-1) and water repellence of the fabric is 100 % (EN 24920).

The operating temperature is between -20 °C to +120 °C.

Safe-Wrap also fulfils the demands of standard ISO 3457 (pin hole –approved).

This product is very abrasion resistant.

Safeplast article no. for standard sizes



in 25m rolls	in 10m rolls:
WR-RD40R25 / WR-RD60R25 / WR-RD80R25 / WR-RD100R25 / WR-RD120R25 /	WR-RD40R10 WR-RD60R10 WR-RD80R10 WR-RD100R10 WR-RD120R10



Other diameters (Ø 20mm to 400mm, in 5mm intervals) are offered on request.

1St0amnd aanrdd 2ro5lml l engths:

Other roll lengths up to 50m and fixed lengths are produced after order.



# SAFE-FIRE SLEEVE

Safe-Fire Sleeve and Safe-Fire-Wrap are our high-temperature resistant sleeves produced from high bulk braided glass fiber with a custom compounded silicone rubber coating. Safe-Fire Wrap is equipped with velcro fasteners.

These fire sleeves are designed to protect hoses, wires and cables from molten metal splash, high heat hazards and occasional exposure to flame in steel plants, foundries, mining, offshore, aerospace, cutting and welding shops and wherever hoses, cables and wires may be exposed to high temperatures.

Safeplast Code	DESCRIPTION	m / roll
SFS-RD10	SAFE-FIRE SLEEVE, RED ID 10mm	20
SFS-RD15	SAFE-FIRE SLEEVE, RED ID 15mm	20
SFS-RD20	SAFE-FIRE SLEEVE, RED ID 20mm	20
SFS-RD25	SAFE-FIRE SLEEVE, RED ID 25mm	20
SFS-RD30	SAFE-FIRE SLEEVE, RED ID 30mm	20
SFS-RD35	SAFE-FIRE SLEEVE, RED ID 35mm	20
SFS-RD40	SAFE-FIRE SLEEVE, RED ID 40mm	20
SFS-RD45	SAFE-FIRE SLEEVE, RED ID 45mm	15
SFS-RD50	SAFE-FIRE SLEEVE, RED ID 50mm	15
SFS-RD55	SAFE-FIRE SLEEVE, RED ID 55mm	15
SFS-RD60	SAFE-FIRE SLEEVE, RED ID 60mm	15
SFS-RD65	SAFE-FIRE SLEEVE, RED ID 65mm	15
SFS-RD70	SAFE-FIRE SLEEVE, RED ID 70mm	10
SFS-RD75	SAFE-FIRE SLEEVE, RED ID 75mm	10



Heat resistance / Temperatures:  
260°C continuous 1000 °C / 20  
min 1600 °C / 30 sec

