



# Hydraulic & Offshore Supplies

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## Textile Sleeves



# SAFE-SLEEVE

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

Polypropylene endures acids and alkali well.

## SAFE-SLEEVES

- protect people near-by a breaking hose
- protect hydraulic hoses from abrasion
- offer an economical and safe choice for hose protection
- material fully recyclable
- tolerate both freeze and heat

SAFE-SLEEVE protects people near-by a breaking hose (is pin hole-apprc 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 fulfills these demands!

It is recommended to choose a size which is a few millimeters larger than the hose to improve protection and make mounting easier. Whether there is a coupling already installed also affects the eligible size. Please see our recommendations.

Abrasion resistance of SAFE-SLEEVE is excellent (tested to standard SFS-EN ISO 12947-3: minimal mass loss). 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 the colour of the Safe-sleeve. SAFE-SLEEVE has low conductivity of electricity

## Colour

Black, no printing.

## Length

50m / roll.

Aluminium rings for attaching the Safe-Sleeve on the hose also available!



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PRODUCT CODE	INNER DIAMETER (mm) (TOLERANCE +/- 0.5MM)	FLAT (mm)
SL-RDX 17	17	30
SL-RDX 20	20	35
SL-RDX 23	23	40
SL-RDX 27	27	45
SL-RDX 30	30	50
SL-RDX 36	36	60
SL-RDX 39	39	65
SL-RDX 46	46	75
SL-RDX 55	55	90
SL-RDX 62	62	100
SL-RDX 78	67	125
SL-RDX 109	109	175
SL-RDX 125	125	200

**ALUMINIUM FERRULES:**

Material: Aluminium alloy of EN AW-6060 T6 – EN AW-6005A T6 / EN AW-6082 T6  
(EN 573-3, 755-1, 755-2, 755-8)

PRODUCT CODE	OD mm	ID mm	W mm	WIDTH mm
ALUHO 20	20	17	1.5	27
ALUHO 25	25	22	1.5	27
ALUHO 30	30	27	1.5	27
ALUHO 40	40	36	2.0	27
ALUHO 45	45	39	3.0	30
ALUHO 50	50	46	2.0	27



# SAFE-SLEEVE MSHA

Easy-to-install, textile SAFE-SLEEVE with MSHA-acceptance is produced from polyester which is recyclable material. In addition to hoses, SAFE-SLEEVE MSHA protects people near-by a breaking hose and meets the requirements of standards EN 12999 and EN ISO 3457.

These demands are explained under the standard Safe-Sleeve. The recommended temperature range is from -40°C to +120°C. SAFE-SLEEVE MSHA is UV-resistant and has low conductivity of electricity. Abrasion resistance of SAFE-SLEEVE MSHA is also good.

Test reports are available on request. As a guideline we suggest that the Safe-Sleeve is a few millimetres larger than the hose. Please see our recommendations.



## Colour

Colour black with white printing.  
Own printing possible – ask for details.

## Length

50m / roll.  
Aluminium rings for attaching the Safe-Sleeve on the hose also available.

PRODUCT CODE	INNER DIAMETER (mm) (TOLERANCE +/- 0.5MM)	FLAT (mm)
MSHA-RD17M	17	30
MSHA-RD23M	23	40
MSHA-RD27M	27	45
MSHA-RD30M	30	50
MSHA-RD36M	36	60
MSHA-RD39M	39	65
MSHA-RD46M	47	75
MSHA-RD55M	55	90
MSHA-RD62M	62	100
MSHA-RD78M	78	125
MSHA-RD109M	109	175
MSHA-RD125M	125	200

# SAFE-SLEEVE MSHA

SAFE-WRAP is produced from 100 % polyamide with PU coating and Velcro® -brand fasteners which make it very easy to install on hose lines afterwards and repeatedly. Fast installation makes Safe-Wrap a very cost-effective solution for hose protection. It is also widely used to bundle long and heavy hose bundles together with Safe-Strips.

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

Operating temperature is from -20°C to + 120°C degrees. Safe-Wrap fulfills the demand of standard ISO 3457 (is pin hole-test approved) and is also very resistant to abrasion. This product is available in standard sizes (inner diameters): 40mm, 60mm, 80mm, 100mm and 120mm

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

**Lengths:** standard rolls 10m or 25m.

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







# Contact Us

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