

SAFE-SLEEVE

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

Polypropylene endures acids and alkalis well.

- 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-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 12947-2: 45 000 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.

Colour: plain black, no printing
 Length: 50m / roll
 Extensions: max one per roll

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

SAFE-SLEEVE product code	Inner Ø / flat (mm) Tolerance for ID ± 0.5 mm and for flat size ± 5 %
SL-RDX17	17 / 30
SL-RDX20	20 / 35
SL-RDX23	23 / 40
SL-RDX27	27 / 45
SL-RDX30	30 / 50
SL-RDX36	36 / 60
SL-RDX39	39 / 65
SL-RDX46	46 / 75
SL-RDX55	55 / 90
SL-RDX62	62 / 100
SL-RDX78	78 / 125
SL-RDX94	94 / 150
SL-RDX109	109 / 175
SL-RDX125	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)

Safeplast article no.	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 35	35	32	1.5	27
ALUHO 40	40	36	2.0	27
ALUHO 45	45	39	3.0	30
ALUHO 50	50	46	2.0	27

