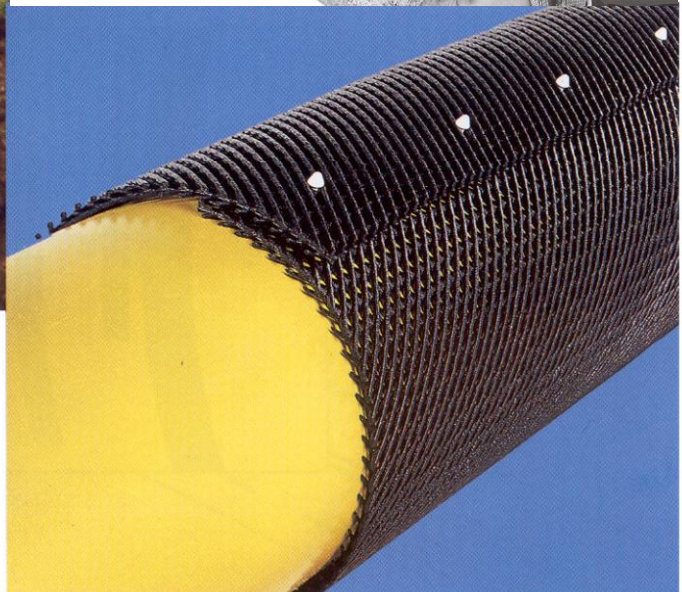




## ROCK SHIELD NET AND FLEECE



## General information Rock shield net

The Rock Shield net is an ideal alternative to protection with sand. The Rock Shield net is used as an external protection to avoid damaging the corrosion protection coatings of pipes and in order to improve the mechanical strength. Damages caused by ground settlement are eliminated and impacts are absorbed due to its high deforming capacity limiting the shrinkage pressure.

### Advantage

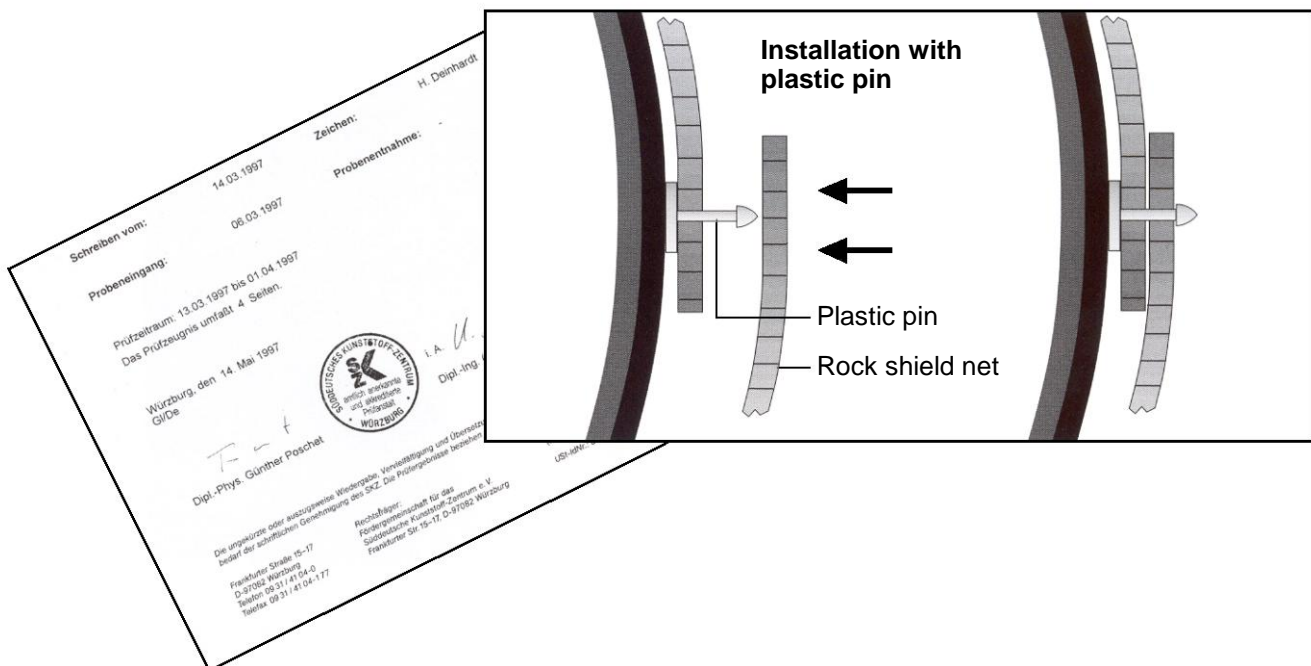
- shock-absorbing and load-distributing
- high deforming capacity
- highly resistant to tearing
- corrosion and water resistant
- permeable to electricity
- resistant to soil chemicals agents and microorganisms
- UV-resistant
- easy application

### Installation

The net is applied as a sleeve around the pipe to be protected, with a minimum overlaps (80-100 mm) and fused together with a small flame in the overlap area or fixed with our special plastic pin every 30/35 cm.

Description	Type 6	Type 9
<b>Material</b>	PE	PE
<b>Colour</b>	Black	Black
<b>Thickness</b>	6 mm - 2 layers	9 mm - 3 layers
<b>Net dimension</b>	4x4 mm	3x4 mm
<b>Elongation at break:</b>		
<b>Longitudinal direction</b>	60%	50%
<b>Crosswise direction</b>	30%	30%
<b>Deformation under 10 kg/cm<sup>2</sup> load</b>	30%	30%
<b>Weight</b>	1,2 kg/m <sup>2</sup>	1,8 kg/m <sup>2</sup>
<b>Packing unit</b>	Roll 20 m width 1,0 m	Roll 20 m width 1,0 m

Accessories		
<b>Plastic pin (approx. 3pcs/m)</b>	Bag with 100 pcs.	Bag with 100 pcs.
<b>Special width on request</b>	0,5 - 1,8 m	0,5 - 1,8 m



**General information**  
**Rock shield fleece**

The PSI Rock Shield fleece is a further outstanding and economically priced alternative for traditional sand foundation. The PSI Rock Shield fleece consists of mechanically compressed polypropylene. It is offered with a higher than average impact strength of 7000 N for different kinds of applications. With an overlap of approx. 10 cm and a low density flame of liquefied petroleum gas the PSI Rock Shield fleece can be welded safely.

**Technical data**

**PP 1000**

Material:	100% Polypropylene
Weight per unit area:	1000 g/qm
Thickness:	8-9 mm
Building class:	5
Tensile strength:	9000 N/m
Expansion:	>80%
Impact strength:	7000 N/m
Width:	0,8 up to 6,0 mm
Length per roll:	25 m
Chemical resistance:	Good UV-resistant
Biological resistance:	Good
Colour:	White

Please contact us for further information.

