

## insulating Tubes made of plastic



### PVC - Insulating Tube

<b>V:</b>	85°C longtime, short duration 105°C
<b>VH:</b>	105°C longtime, short duration 120°C
<b>VH/S:</b>	120°C longtime, short duration 150°C

### PVC - Tube thick wall

<b>H 6:</b>	PVC-tube, clear with Polyester inlay (100% Polyester)
<b>H 65:</b>	PVC-tube, clear without inlay

### Silicone - Insulating Tube

<b>Si:</b>	180° C longtime
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### Fluoroplastic Insulating Tube

such as PTFE, PFA, FEP

### Polyurethane Insulating Tube

<b>Pu:</b>	105° C longtime , short duration 130° C
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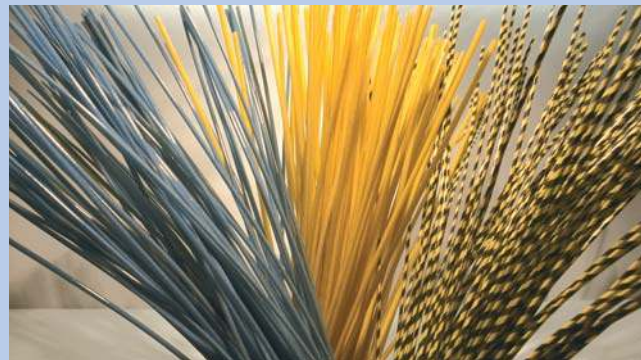
### Polyamide 11/12 - Insulating Tube

For use in industrial process measurement  
and control technique, pneumatics and hydraulics

### Heat Shrink Tube

<b>HGX 50:</b>	Polyolefine, 105° C longtime
<b>HGX 55:</b>	Polyolefine, 125° C longtime
<b>HGX 135:</b>	Polyolefine, 135° C longtime
	Shrink ratio 2:1; 3:1; 4:1
	with or without inner glue
<b>SSh:</b>	PVC hard 80° C longtime
	Shrink ratio 2:1
<b>SST:</b>	Fluoroplastics
	different shrink ratios

## Insulating hoses with fabric Glassfibre tapes



### Fibre hose DD

<b>KDD:</b>	Rayon fibre with Polyurethane lacquer 130° C longtime , short duration 150° C
<b>GDD:</b>	glassfibre with Polyurethane lacquer 155° C longtime , short duration 180° C

### Glass Fibre hose Silicone

<b>GSil:</b>	with Silicone rubber lacquer 220° C longtime
<b>GSilFlex:</b>	expandable, with Silicone elastomere 220° C longtime, expandable by 1:1,7
<b>GsiH:</b>	with Silicone resin against fraying no electrical insulation, 250° C longtime

### Glass Fibre hose

<b>Gls:</b>	raw glass fibre 450° C longtime
<b>Glssf:</b>	treated by heat against fraying 450° C longtime

### Glass Fibre Tape

<b>Bgl:</b>	raw glass 450° C longtime
<b>Bdd:</b>	glassfiber with Polyurethane lacquer 150° C longtime

### Quarz Fibre hose

<b>QSl:</b>	raw quarzsilize fibre 1.000° C longtime
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### Aramid Fibre hose

<b>ArS:</b>	Para-Aramide, extreme resistant against cutting and tearing 300° C longtime
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## Cable protection and bundling EMI Shielding



### Monofilament braided sleeving HMS

Modern Cable protection with high mechanical strength and  
at the same time flexible harnessing.

<b>HMS/PP:</b>	Polypropylene ( -30° C to + 105° C ) black, grey, single- and multicoloured halogene free, selfextinguishing. switchboards, shipbuilding and railways
<b>HMS/PA</b>	Polyamide 6.6 ( -40° C to + 180° C ) black, grey, single- and multicoloured halogene free, selfextinguishing. For high temperatures and high mechanical stress. E.g. automotive, robots and aircraft.
<b>HMS/PET</b>	Polyester ( -40° C to + 150° C ) halogene free, flame retardent For standard applications and wiring
<b>HMS/ECT</b>	ECTFE ( -70° C to + 150° C ) for satelite wiring and arctic applications

### EMI Shielding, high frequency protection

<b>HMS/AG:</b>	Polyamide 6.6 with silvercoating. Properties as HMS/PA, but conductive for shielding of wires and cables. Highly flexible and light weight.
<b>TV</b>	conductive wall papers made of Polyamide coated with silver or copper for EMI shielding of rooms and cabinets. with or without adhesive back

### Service

such as cutting hoses on customers  
demand, coating of parts from PA 6.6,  
twisting of wires with glassfibres or plastics.



We not only have a wide range of (high-quality) standard products which we also produce in a variety of colours but our greatest strength lies in manufacturing to your individual specifications.

By giving our entire attention to your needs, we are able to offer you solutions to your problems which will place your business up-front.

*We look forward to receiving your enquiries.*

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# 2010 Product Line



- ▶ Insulating Tubes
- ▶ Wire Protection
- ▶ Harness
- ▶ EMI Shielding