

## Insulating programme grama Iso non-woven



**Grama Iso non-woven pipes** are produced according to our own technology that we have developed in Grama GS d.o.o. They are made of high quality synthetic non-woven without admixtures that would cause corrosion. Our insulation pipes are 4mm thick and have diameter possibility from 12mm to 125mm. The piping insulation is used for insulating water flow, sanitary, sewage and storm water systems.

This type of insulation is made of a robust outer protective foil and non-woven that protects the piping from damages in above and under construction fitting. This enables anti-condens protection as well as heat and noise insulation.

### Grama Iso non-woven pipes

This is a durable insulation for easy and quick fitting. It is intended as heat and anti-condens insulation in water system fittings and as sound insulation in sewage pipes and rain waters in different types of buildings.

- robust
- resistant to chemicals in construction works
- does not cause corrosion in the piping systems
- easy fitting due to inner sliding foil
- all layers are welded together
- lessens the noise transmission at water flow and lessens the noise in the building
- the production tolerance enables the insulation of the angles, narrow parts, welded parts and similar
- self-extinguishable according to DIN 4102 B2
- the maximum temperature of the medium is + 115 degrees Celsius
- coils hold 25 running meters
- the insulation layer is around 4mm thick

grama Iso non woven	dimension/mm	coveage dimension	Running meter/coil	Running meter/bag	Running meter/transportation bag
1/4"	12 - 15	1/4"	25	100	700
3/8"	18	3/8"	25	100	600
1/2"	22	1/2"	25	100	500
3/4"	28	3/4"	25	100	400
1"	35	1"	25	100	400
1 1/4"	42	1 1/4"	25	100	300
DN 50	50	DN 50-63	25		225
DN 70	70	DN 70-75	25		175
DN 80	80	DN 80-90	25		150
DN 100	100	DN 100-110	25		125
DN 125	125	DN 125	25		100

### Grama Iso non-woven stripes

These stripes are used to wrap around piping installations in places where grama Iso non-woven pipes cannot be used (t-parts, angles, female screws and the similar) or they can be used on their own.

These non-woven stripes are made of high quality polyester non-woven 2mm thick.

- resistant to chemicals in construction works
- does not cause corrosion in the piping
- available in coils as 10 running meters
- the standard width of the stripes is 70mm.

grama Iso non woven Wrapping stripes- 2mm	width (mm)	Running meter/coil	Coils/bag	Coils/trans.bag
grama Iso non woven 70/10	70	10	5	70