

JRG Sanipex MT

Insulation shells

**Professional insulation has
never been easier, faster and
more economical**





JRG Sanipex MT insulation shells

Insulation and sound reduction in one

The design of the JRG Sanipex MT pipe connection is free from dead space and offers the full flow rate without cross-sectional constriction. This ensures minimal flow noise and low pressure losses which is an important foundation for high-quality drinking water.

The perfect fit of our insulation shells enable fast, precise assembly and deliver best insulation values, which means they fit seamlessly into the overall system concept.

Additionally they provide sound insulation for a more comfortable living environment.





+ Advantages

Quick and easy assembly

The insulation shells fit perfect and have an integrated lead

Reusable

The insulation shells can be removed for servicing or repair work and reassembled again afterwards

Sustainability

The material is 100% recyclable and supplied without additional packaging

Multiple use

The insulation shells can also be used for iLITE fittings

Range of fittings

The JRG valves range is also covered





+ Technical specifications

Material	Expanded polypropylene, anthracite
Specific volumetric weight	45-50 kg/m ³
Thermal conductivity	0.035 W/mK according EN 12667
Building material class	B2 according DIN 4102 and E according to EN 13501-1

Insulation shells suitable for pipes insulated according to DIN 1988-200 | EnEV 100%



Pipe system	Outside diameter JRG Sanipex MT pipe	Inside diameter	Pipes in coils JRG Sanipex MT pre-insulated EnEV 100%	Min. outside diameter for PWH acc. DIN 1988-200 and EnEV 100% at $\lambda = 0,035 \text{ W/mK}$	Outside diameter Insulation shell	Outside diameter pipe insulation e.g. Rockwool 800	Designation of pipe insulation
DN mm	d_a mm	d_i mm	d_s mm		d_a mm	d_s mm	
12	16	11,5	56	56	58	58	18/20
15	20	15	60	60	62	62	22/20
20	26	20	66	66	68	68	28/20
25	32	26		92	95	95	35/30
32	40	33		100	122	122	42/40
40	50	42		126	134	134	54/40
50	63	54		162	164	164	64/50

JRG Sanipex MT insulation shells

Product range overview

Phase 1

Insulation shells for JRG Sanipex MT d16 – d32 used with pipe insulation EnEV 100% and JRG Sanipex MT system valves d16 – d63:

- Elbow 90°
- Elbow 45
- Couplings
- T-pieces
- Reductions

Phase 2

Insulation shells for JRG Sanipex MT fittings d40 – d63 used with pipe insulation EnEV 100%, for “screed laying” (oval) d16 – d26 used with pipe insulation EnEV 50% and for JRG LegioStop and JRG Sanipex MT ball valves.

JRG Sanipex MT



	Elbow 90°	Elbow 45°	T-piece equal	Reduction inserts for T-pieces	Couplings
d 16	+		+	+	+
d 20	+	+	+	+	+
d 26	+	+	+	+	+
d 32	+	+	+	+	+
d 40	+	+	+	+	+
d 50	+	+	+	+	+
d 63	+	+	+	+	+

JRG Armaturen



	LegioStop with MT connection	Female thread and system connections	Ball valves with MT connection
DN10-15	+	+	+
DN 20	+	+	+
DN 25	+	+	+
DN 32	+	+	+
DN 40	+	+	
DN 50	+	+	

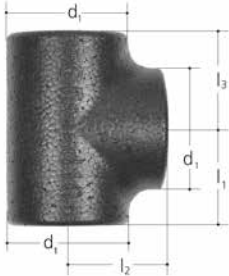


	Elbow 90° EnEV 50%	T-piece EnEV 50%	Screed laying
d 16	+	+	
d 20	+	+	
d 26	+	+	

+ Phase 1

+ Phase 2

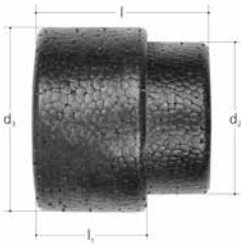
Products



Insulation box for T-piece

- Material: Expanded polypropylene (EPP)
- Temperature: Up to 110°C
- Thermal conductivity: 0.035 W/mK according EN 12667
- Building material class: B2 according DIN 4102 and E according EN 13501-1

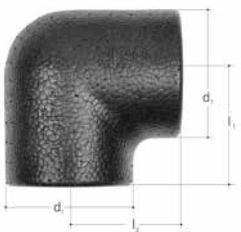
d (mm)	JRG Code	GF Code	Weight (kg)	d1 (mm)	l1 (mm)	l2 (mm)	l3 (mm)
16	4650.516	351 616 665	0.013	58	47	47	47
20	4650.520	351 620 665	0.018	62	56	56	56
26	4650.526	351 626 665	0.025	68	70	70	70
32	4650.532	351 632 665	0.045	95	84	84	84



Insulation box Reducer

- Material: Expanded polypropylene (EPP)
- Temperature: Up to 110°C
- Thermal conductivity: 0.035 W/mK according EN 12667
- Building material class: B2 according DIN 4102 and E according EN 13501-1

d1-d (mm)	JRG Code	GF Code	Weight (kg)	d2 (mm)	d3 (mm)	l (mm)	l1 (mm)
20 - 16	4730.500	351 620 671	0.001	30	35	34	24
26 - 16	4730.502	351 626 671	0.001	37	45	43	29
26 - 20	4730.504	351 626 672	0.001	37	45	43	29
32 - 16	4730.506	351 632 671	0.002	44	54	53	34
32 - 20	4730.508	351 632 672	0.001	44	54	53	34
32 - 26	4730.510	351 632 673	0.001	44	54	53	34

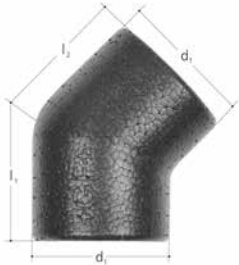


Insulation box for Elbow 90°

- Material: Expanded polypropylene (EPP)
- Temperature: Up to 110°C
- Thermal conductivity: 0.035 W/mK according EN 12667
- Building material class: B2 according DIN 4102 and E according EN 13501-1

d (mm)	JRG Code	GF Code	Weight (kg)	d1 (mm)	l1 (mm)	l2 (mm)
16	4670.516	351 616 666	0.010	58	47	47
20	4670.520	351 620 666	0.014	62	56	56
26	4670.526	351 626 666	0.019	68	70	70
32	4670.532	351 632 666	0.041	95	84	84

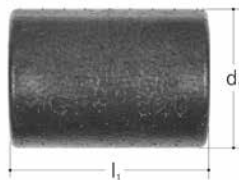
Products



Insulation box for Elbow 45°

- Material: Expanded polypropylene (EPP)
- Temperature: Up to 110°C
- Thermal conductivity: 0.035 W/mK according EN 12667
- Building material class: B2 according DIN 4102 and E according EN 13501-1

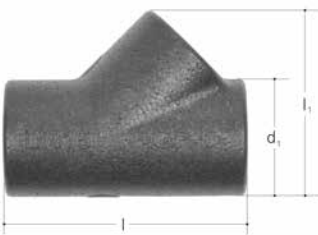
d (mm)	JRG Code	GF Code	Weight (kg)	d1 (mm)	l1 (mm)	l2 (mm)
20	4676.520	351 620 667	0.009	62	46	46
26	4676.526	351 626 667	0.014	68	58	58
32	4676.532	351 632 667	0.035	95	71	71



Insulation box for Coupling

- Material: Expanded polypropylene (EPP)
- Temperature: Up to 110°C
- Thermal conductivity: 0.035 W/mK according EN 12667
- Building material class: B2 according DIN 4102 and E according EN 13501-1

d (mm)	JRG Code	GF Code	Weight (kg)	d1 (mm)	l1 (mm)
16	4690.516	351 616 668	0.008	58	75
20	4690.520	351 620 668	0.015	62	92
26	4690.526	351 626 668	0.023	68	118
32	4690.532	351 632 668	0.035	95	132



Insulation box for Valves

- Material: Expanded polypropylene (EPP)
- Temperature: Up to 110°C
- Thermal conductivity: 0.035 W/mK according EN 12667
- Building material class: B2 according DIN 4102 and E according EN 13501-1

d (mm)	JRG Code	GF Code	Weight (kg)	d1 (mm)	l (mm)	l1 (mm)
16 + 20	5222.516	351 616 670	0.020	62	128	68
26	5222.526	351 626 670	0.035	68	156	78
32	5222.532	351 632 670	0.050	95	181	97
40	5222.540	351 640 670	0.065	122	220	118
50	5222.550	351 650 670	0.080	134	257	130
63	5222.563	351 663 670	0.100	164	339	235

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