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+GF+

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Prijslijst Nederland  
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# JRG Sanipex MT

Buizen  
Fittingen  
Afsluiters





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# Sanipex MT Pipes

## Pipes



### JRG Sanipex MT Multilayer pipe in bars PE-Xc

- omschrijving: in lengtes
- Material: multilayer pipe PE-X/AL/PE-X

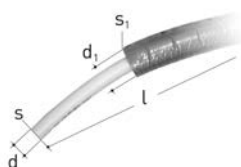
d (mm)	DN (mm)	JRG Code	GF Code	EUR / m	gewicht (kg/m)	l (m)	s (mm)
40	32	<b>4600.040</b>	<b>351 640 902</b>	<b>52,40</b>	3,025	5	3,50
50	40	<b>4600.050</b>	<b>351 650 902</b>	<b>61,30</b>	4,350	5	4,00
63	50	<b>4600.063</b>	<b>351 663 902</b>	<b>83,60</b>	6,575	5	4,50
40	32	<b>4600.340</b>	<b>351 640 912</b>	<b>52,40</b>	1,815	3	3,50



### JRG Sanipex MT Pipe in coils PE-Xc Multilayerpipe in coils

- omschrijving: op rol
- Material: multilayer pipe PE-X/AL/PE-X

d (mm)	DN (mm)	JRG Code	GF Code	EUR / m	gewicht (kg/m)	l (m)	s (mm)
12	8	<b>4604.112</b>	<b>351 612 014</b>	<b>7,20</b>	6,900	100	1,70



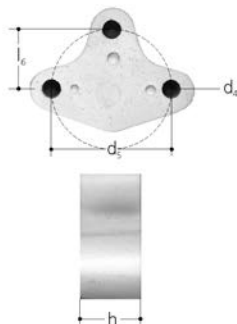
### JRG Sanipex MT Pipe in coils isolated PE-Xc Multilayerpipe with 100% insulation

- Description: in coils with insulation 0.035 W/mK
- Material: multilayer pipe PE-X/AL/PE-X

d (mm)	DN (mm)	JRG Code	GF Code	EUR / m	gewicht (kg/m)	d1 (mm)	l (m)	s (mm)	s1 (mm)
16	12	<b>4606.216</b>	<b>351 616 737</b>	<b>18,50</b>	19,950	56	50	2,25	20

# Sanipex MT Fittings

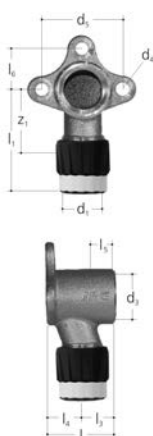
## Fittings



### Distance piece plastic

- Description: for fitting connector
- materiaal: kunststof
- voor iFIT, INSTAFLEX, JRG Sanipex, JRG Sanipex MT

h (mm)	JRG Code	GF Code	EUR gewicht (kg)	d4 (mm)	d5 (mm)	l6 (mm)
20	<b>4610.090</b>	<b>351 515 002</b>	<b>8,70</b>	6,4	40	20

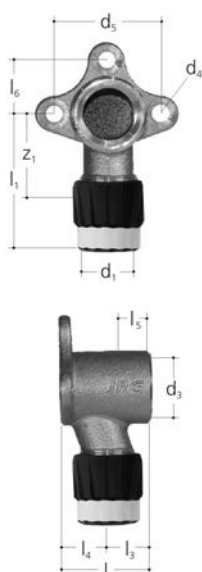


### JRG Sanipex MT Fitting connector single gunmetal

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: female thread, cone grip union
- Suitable for: 5409.010, 5409.012, 4610.090
- Thread type d3 = Rp
- \* zolang de voorraad strekt

d (mm)	GN (inch)	JRG Code	GF Code	EUR gewicht (kg)
16	½	<b>4610.150</b>	<b>351 616 908</b>	<b>31,70</b>
16	½	<b>4610.180</b>	<b>351 616 944</b>	<b>40,50</b>
20	½	<b>4610.235</b>	<b>351 620 990</b>	<b>34,20</b>

d (mm)	GN (inch)	d1 (mm)	d3 (inch)	d4 (mm)	d5 (mm)	l (mm)	l1 (mm)	l3 (mm)	l4 (mm)	l5 (mm)	l6 (mm)	z1 (mm)
16	½	16	½	7	40	50	52	33	17	15	20	34
16	½	16	½	7	40	80	52	63	17	43	20	34
20	½	20	½	7	40	35	54	16	18	15	20	30

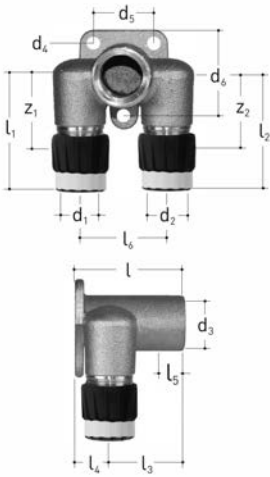


### JRG Sanipex MT Fitting connector single gunmetal Internally coated

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Temperature: max. 30°C
- Material: gunmetal, plastic
- Connection: female thread, cone grip union
- Suitable for: 5409.010, 5409.012, 4610.090
- Thread type d3 = Rp

d (mm)	GN (inch)	JRG Code	GF Code	EUR gewicht (kg)
16	½	<b>4610.137</b>	<b>351 616 593</b>	<b>67,50</b>
20	½	<b>4610.237</b>	<b>351 620 590</b>	<b>71,80</b>

d (mm)	GN (inch)	d1 (mm)	d3 (inch)	d4 (mm)	d5 (mm)	l (mm)	l1 (mm)	l3 (mm)	l4 (mm)	l5 (mm)	l6 (mm)	z1 (mm)
16	½	16	½	7	49	35	49	35	17	15	20	31
20	½	20	½	7	52	35	52	35	17	15	20	30



### JRG Sanipex MT Fitting connector double gunmetal

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: female thread, cone grip union
- Suitable to: 5409.011, 5409.012
- Thread type d3 = Rp
- \* zolang de voorraad strekt

geschikt voor	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)
d16 - d16	½	4611.150	351 616 945	81,30	0,270
d20 - d20	½	4611.170	351 620 948	87,80	0,290
d16 - d16	½	4611.180	351 616 946	87,40	0,310

d1	d2	d3	d4	d5	d6	l	l1	l2	l3	l4	l5	l6	z1	z2
(mm)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
16	16	½	7	28	34	50	52	52	35	17	25	40	34	34
20	20	½	7	28	34	50	62	62	37	17	25	50	39	39
16	16	½	7	28	34	80	52	52	63	17	43	40	34	34



### JRG Sanipex MT Transition bend MF gunmetal

- omschrijving: compatibel met GEBERIT buitendraad MF 1/2"
- Material: gunmetal, plastic
- Connection: loose nut, cone grip union
- Thread type d2 = Rp

d	GN	afm.	JRG	GF	EUR	gewicht	d1	d2	l1	l2	z1
(mm)	(inch)	(inch)	Code	Code	(kg)	(mm)	(inch)	(mm)	(mm)	(mm)	
16	½	½	4615.116	351 616 932	31,80	0,105	16	½	46	37	27



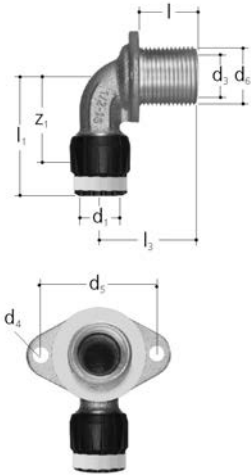
### JRG Sanipex MT transition t-piece MF gunmetal

- omschrijving: compatibel met GEBERIT buitendraad MF 1/2"
- Material: gunmetal, plastic
- Connection: loose nut, cone grip union
- Thread type d3 = Rp

geschikt voor	d	GN	afm.	JRG	GF	EUR	gewicht
	(mm)	(inch)	(inch)	Code	Code	(kg)	(kg)
d16 - d16	16	½	½	4616.116	351 616 933	50,50	0,145

d1	d2	d3	l	l1	l2	l3	z1	z2
(mm)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
16	16	½	92	46	46	37	25	25

### JRG Sanipex MT Wall penetration single gunmetal



- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: female thread, male thread, cone grip unions
- Thread type d3 = Rp
- Thread type d6 = G

d (mm)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)
16	½	4620.125	351 616 950	40,90	0,140
16	½	4620.140	351 616 951	40,90	0,170
16	½	4620.155	351 616 952	45,40	0,190
16	½	4620.165	351 616 953	48,40	0,230

d (mm)	GN (inch)	d1 (mm)	d3 (inch)	d4 (mm)	d5 (mm)	d6 (inch)	l (mm)	l1 (mm)	l3 (mm)	z1 (mm)
16	½	16	½	7	50	¾	25	51	42	32
16	½	16	½	7	50	¾	40	51	57	32
16	½	16	½	7	50	¾	55	51	72	32
16	½	16	½	7	50	¾	65	51	82	32

### JRG Sanipex MT Fitting connector concealed double gunmetal



- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d2 = R

geschikt voor	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)
16-16	½	4625.150	351 616 190	59,20	0,205
20-20	½	4625.170	351 620 190	67,20	0,260

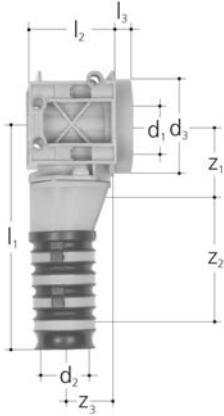
b1 (mm)	d1 (mm)	d2 (inch)	l1 (mm)	l2 (mm)	z1 (mm)
40	16	½	61	80	40
50	20	½	72	80	45

### JRG Sanipex MT Box 90° single gunmetal



- Material: gunmetal, plastic
- aansluiting: binnendraad
- Consisting of: box body, box foot, bend, cone grip union
- Thread type d1 = Rp

d (mm)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)
16	½	<b>4630.100</b>	<b>351 616 760</b>	<b>46,80</b>	0,223
20	½	<b>4630.200</b>	<b>351 620 760</b>	<b>70,00</b>	0,270
20	¾	<b>4630.300</b>	<b>351 620 761</b>	<b>75,90</b>	0,265



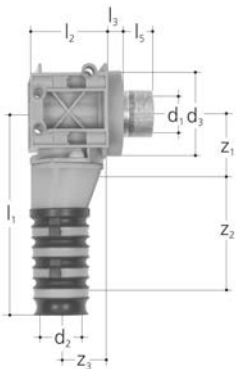
d (mm)	GN (inch)	b (mm)	d1 (inch)	d2 (mm)	d3 (mm)	l1 (mm)	l2 (mm)	l3 (mm)	z1 (mm)	z2 (mm)	z3 (mm)
16	½	64	½	25	47	108	42	9	36	60	24
20	½	64	½	29	47	108	42	9	36	70	21
20	¾	64	¾	29	47	108	42	9	36	70	21

### JRG Sanipex MT Box 90° gunmetal With extended threaded connection

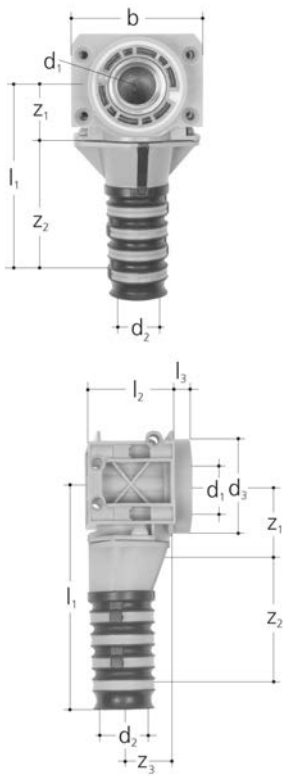


- Material: gunmetal, plastic
- aansluiting: binnendraad
- Consisting of: box body, box foot, bend, cone grip union
- Thread type d1 = Rp

d (mm)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)
16	½	<b>4630.180</b>	<b>351 616 761</b>	<b>47,80</b>	0,277



d (mm)	GN (inch)	b (mm)	d1 (inch)	d2 (mm)	d3 (mm)	l1 (mm)	l2 (mm)	l3 (mm)	l5 (mm)	z1 (mm)	z2 (mm)	z3 (mm)
16	½	64	½	25	47	108	42	9	20	36	60	24

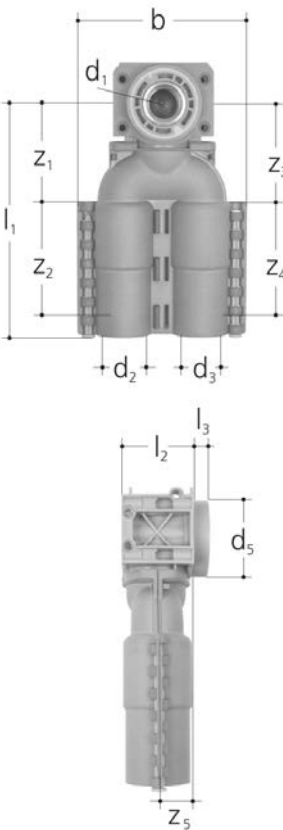


### JRG Sanipex MT Box 90° single gunmetal Internally coated

- Material: gunmetal, plastic
- aansluiting: binnendraad
- Consisting of: box body, box foot, bend, cone grip union
- draad type d1 = Rp
- \* zolang de voorraad strekt

	<b>d</b>	<b>GN</b>	<b>JRG</b>	<b>GF</b>	<b>EUR</b>	<b>gewicht</b>
	(mm)	(inch)	<b>Code</b>	<b>Code</b>		(kg)
*	20	½	<b>4630.207</b>	<b>351 620 660</b>	<b>90,10</b>	0,270

	<b>d</b>	<b>GN</b>	<b>d1</b>	<b>d2</b>	<b>d3</b>	<b>l1</b>	<b>l2</b>	<b>l3</b>	<b>z1</b>	<b>z2</b>	<b>z3</b>
	(mm)	(inch)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
*	20	½	½	29	47	108	42	9	36	70	21



### JRG Sanipex MT Box 90° double gunmetal

- Material: gunmetal, plastic
- aansluiting: binnendraad
- Consisting of: box body, box foot, bend, cone grip union
- draad type d1 = Rp

<b>geschikt voor</b>	<b>GN</b>	<b>JRG</b>	<b>GF</b>	<b>EUR</b>	<b>gewicht</b>
	(inch)	<b>Code</b>	<b>Code</b>		(kg)
d16 - d16	½	<b>4634.100</b>	<b>351 616 764</b>	<b>95,90</b>	0,390
d20 - d16	½	<b>4634.200</b>	<b>351 620 762</b>	<b>105,90</b>	0,360
d20 - d20	½	<b>4634.300</b>	<b>351 620 764</b>	<b>154,00</b>	0,395

<b>b</b>	<b>d1</b>	<b>d2</b>	<b>d3</b>	<b>d5</b>	<b>l1</b>	<b>l2</b>	<b>l3</b>	<b>z1</b>	<b>z2</b>	<b>z3</b>	<b>z4</b>	<b>z5</b>
(mm)	(inch)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
100	½	25	25	47	134	42	9	68	60	68	60	21
100	½	29	25	47	134	42	9	73	50	73	50	21
110	½	29	29	47	134	42	9	73	50	73	50	21

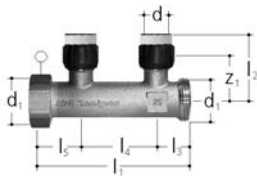


### JRG Sanipex MT Manifold 1-fold gunmetal

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: loose nut, flat gasket, male thread, cone grip union
- Thread type d1 = G

d1 (inch)	d (mm)	afm. (inch)	JRG Code	GF Code	EUR	gewicht (kg)
1	16	1	<b>4640.116</b>	<b>351 616 965</b>	<b>45,10</b>	0,210
1	20	1	<b>4640.120</b>	<b>351 620 965</b>	<b>63,10</b>	0,210

l1 (mm)	l2 (mm)	l3 (mm)	l5 (mm)	z1 (mm)	⊘ (mm)
55	50	24	31	31	37
55	60	24	31	38	37

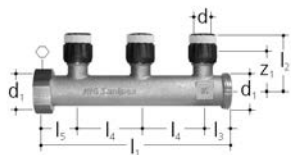


### JRG Sanipex MT Manifold 2-fold gunmetal

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: loose nut, flat gasket, male thread, cone grip union
- Thread type d1 = G

d1 (inch)	d (mm)	afm. (inch)	JRG Code	GF Code	EUR	gewicht (kg)
1	16	1	<b>4640.216</b>	<b>351 616 966</b>	<b>65,90</b>	0,320
1	20	1	<b>4640.220</b>	<b>351 620 966</b>	<b>105,80</b>	0,465

l1 (mm)	l2 (mm)	l3 (mm)	l4 (mm)	l5 (mm)	z1 (mm)	⊘ (mm)
110	50	24	55	31	31	37
110	60	24	55	31	38	37

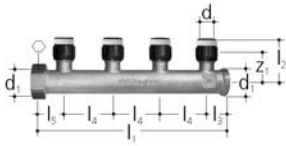


### JRG Sanipex MT Manifold 3-fold gunmetal

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: loose nut, flat gasket, male thread, cone grip union
- Thread type d1 = G

d1 (inch)	d (mm)	afm. (inch)	JRG Code	GF Code	EUR	gewicht (kg)
1	16	1	<b>4640.316</b>	<b>351 616 967</b>	<b>83,50</b>	0,515
1	20	1	<b>4640.320</b>	<b>351 620 967</b>	<b>151,10</b>	0,490

l1 (mm)	l2 (mm)	l3 (mm)	l4 (mm)	l5 (mm)	z1 (mm)	⊘ (mm)
165	50	24	55	31	31	37
165	60	24	55	31	38	37

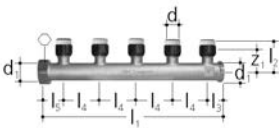


### JRG Sanipex MT Manifold 4-fold gunmetal

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: loose nut, flat gasket, male thread, cone grip union
- Thread type d1 = G

d1 (inch)	d afm. (mm)	(inch)	JRG Code	GF Code	EUR gewicht (kg)
1	16	1	<b>4640.416</b>	<b>351 616 968</b>	<b>126,70</b>

l1 (mm)	l2 (mm)	l3 (mm)	l4 (mm)	l5 (mm)	z1 (mm)	z2 (mm)
220	50	24	55	31	31	37

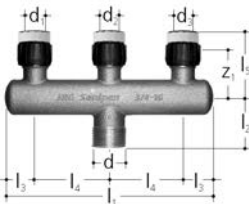


### JRG Sanipex MT Manifold 5-fold gunmetal

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: loose nut, flat gasket, male thread, cone grip union
- Thread type d1 = G

d afm. (mm)	(inch)	JRG Code	GF Code	EUR gewicht (kg)
16	1	<b>4640.516</b>	<b>351 616 969</b>	<b>153,00</b>

d afm. (mm)	d1 (inch)	l1 (mm)	l2 (mm)	l3 (mm)	l4 (mm)	l5 (mm)	z1 (mm)	z2 (mm)
16	1	275	50	24	55	31	31	37

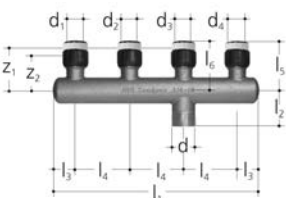


### JRG Sanipex MT Manifold concealed 3-fold gunmetal

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d = R

d1 (mm)	d2 (mm)	d3 (mm)	afm. (inch)	d (inch)	JRG Code	GF Code	EUR gewicht (kg)
16	16	16	¾	¾	<b>4645.050</b>	<b>351 616 970</b>	<b>93,90</b>

d1 (mm)	d2 (mm)	l1 (mm)	l2 (mm)	l3 (mm)	l4 (mm)	l5 (mm)	z1 (mm)
16	16	155	37	23	55	50	31

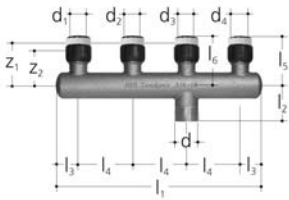


### JRG Sanipex MT Manifold concealed 4-fold gunmetal

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d = R
- \* zolang de voorraad strekt

	d (mm)	d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	afm. (inch)	d (inch)	JRG Code	GF Code	EUR gewicht (kg)
	16	16	16	16	16	¾	¾	<b>4645.100</b>	<b>351 616 971</b>	<b>123,80</b>
*	20	16	16	20	16	¾	¾	<b>4645.200</b>	<b>351 620 971</b>	<b>o.a.</b>

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	<b>l1</b>	<b>l2</b>	<b>l3</b>	<b>l4</b>	<b>l5</b>	<b>l6</b>	<b>z1</b>	<b>z2</b>
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
	210	37	23	55	50	50	31	31
*	210	37	23	55	50	60	38	31

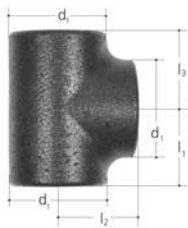
### JRG Sanipex MT T-piece equal PPSU

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- materiaal: PPSU, PA
- Connection: cone grip union



<b>d1</b>	<b>d2</b>	<b>d3</b>	<b>JRG Code</b>	<b>GF Code</b>	<b>EUR gewicht</b>	<b>l1</b>	<b>l2</b>	<b>l3</b>	<b>z1</b>	<b>z2</b>	<b>z3</b>	
(mm)	(mm)	(mm)			(kg)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
16	16	16	<b>4650.016</b>	<b>351 616 921</b>	<b>19,20</b>	0,040	46	46	46	27	27	27
20	20	20	<b>4650.020</b>	<b>351 620 921</b>	<b>21,90</b>	0,070	55	55	55	31	31	31
26	26	26	<b>4650.026</b>	<b>351 626 921</b>	<b>27,40</b>	0,130	68	68	68	39	39	39
32	32	32	<b>4650.032</b>	<b>351 632 921</b>	<b>33,80</b>	0,220	82	82	82	45	45	45
40	40	40	<b>4650.040</b>	<b>351 640 921</b>	<b>53,30</b>	0,420	99	99	99	55	55	55
50	50	50	<b>4650.050</b>	<b>351 650 821</b>	<b>63,70</b>	0,660	114	114	114	64	64	64
63	63	63	<b>4650.063</b>	<b>351 663 821</b>	<b>173,60</b>	1,295	142	142	142	79	79	79

### JRG Sanipex MT Insulation box EPP For t-piece



- Description: Half shells made of EPP for an easy, professional and economical insulation of JRG Sanipex MT fittings
- Material: Expanded polypropylene (EPP)
- Temperature: max. 110°C
- Thermal conductivity: 0.035 W/mK according EN 12667
- Building material class: B2 according DIN 4102 and E according EN 13501-1

<b>d</b>	<b>JRG Code</b>	<b>GF Code</b>	<b>EUR gewicht</b>	<b>d1</b>	<b>l1</b>	<b>l2</b>	<b>l3</b>
(mm)			(kg)	(mm)	(mm)	(mm)	(mm)
16	<b>4650.516</b>	<b>351 616 665</b>	<b>10,10</b>	0,013	58	47	47
20	<b>4650.520</b>	<b>351 620 665</b>	<b>10,50</b>	0,018	62	56	56
26	<b>4650.526</b>	<b>351 626 665</b>	<b>11,30</b>	0,025	68	70	70
32	<b>4650.532</b>	<b>351 632 665</b>	<b>14,40</b>	0,045	95	84	84
40	<b>4650.540</b>	<b>351 640 665</b>	<b>29,50</b>	0,085	122	101	101
50	<b>4650.550</b>	<b>351 650 665</b>	<b>36,90</b>	0,115	134	117	117
63	<b>4650.563</b>	<b>351 663 665</b>	<b>47,70</b>	0,259	164	144	144

### JRG Sanipex MT T-piece reduced PPSU



- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- materiaal: PPSU, PA
- Connection: cone grip union

<b>d1</b>	<b>d2</b>	<b>d3</b>	<b>JRG Code</b>	<b>GF Code</b>	<b>EUR gewicht</b>	<b>l1</b>	<b>l2</b>	<b>l3</b>	<b>z1</b>	<b>z2</b>	<b>z3</b>	
(mm)	(mm)	(mm)			(kg)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
20	16	16	<b>4652.110</b>	<b>351 620 924</b>	<b>21,90</b>	0,050	55	48	46	31	29	27
20	16	20	<b>4652.112</b>	<b>351 620 926</b>	<b>21,90</b>	0,060	55	48	55	31	29	31
20	20	16	<b>4652.114</b>	<b>351 620 927</b>	<b>24,90</b>	0,060	55	55	48	31	31	29
26	16	26	<b>4652.214</b>	<b>351 626 924</b>	<b>25,60</b>	0,100	68	52	68	39	33	39
26	20	20	<b>4652.218</b>	<b>351 626 928</b>	<b>25,60</b>	0,095	68	59	55	39	35	31
26	20	26	<b>4652.220</b>	<b>351 626 925</b>	<b>25,60</b>	0,110	68	59	68	39	35	39
26	26	20	<b>4652.222</b>	<b>351 626 929</b>	<b>25,60</b>	0,110	68	68	59	39	39	35

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d1 (mm)	d2 (mm)	d3 (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l1 (mm)	l2 (mm)	l3 (mm)	z1 (mm)	z2 (mm)	z3 (mm)
32	16	32	<b>4652.316</b>	<b>351 632 924</b>	<b>31,60</b>	0,170	82	57	82	45	38	45
32	20	32	<b>4652.324</b>	<b>351 632 928</b>	<b>31,60</b>	0,180	82	64	82	45	40	45
32	26	26	<b>4652.330</b>	<b>351 632 930</b>	<b>35,10</b>	0,170	82	73	68	45	44	39
32	26	32	<b>4652.332</b>	<b>351 632 929</b>	<b>35,10</b>	0,181	82	73	82	45	44	45
40	26	32	<b>4652.426</b>	<b>351 640 932</b>	<b>51,30</b>	0,280	99	79	82	55	50	45
40	26	40	<b>4652.428</b>	<b>351 640 928</b>	<b>51,30</b>	0,330	99	79	99	55	50	55
40	32	32	<b>4652.436</b>	<b>351 640 931</b>	<b>51,30</b>	0,310	99	89	82	55	52	45
40	32	40	<b>4652.438</b>	<b>351 640 930</b>	<b>51,30</b>	0,360	99	89	99	55	52	55

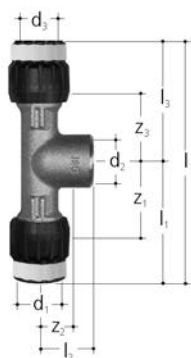
### JRG Sanipex MT T-piece reduced PPSU



- Description: to JRG Sanipex MT pipes
- materiaal: PPSU, PA
- Connection: cone grip union

d1 (mm)	d2 (mm)	d3 (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l1 (mm)	l2 (mm)	l3 (mm)	z1 (mm)	z2 (mm)	z3 (mm)
50	26	50	<b>4652.530</b>	<b>351 650 827</b>	<b>58,50</b>	0,500	114	75	114	63	46	63
50	32	50	<b>4652.534</b>	<b>351 650 828</b>	<b>92,40</b>	0,525	114	85	114	63	48	63
50	40	40	<b>4652.544</b>	<b>351 650 829</b>	<b>58,50</b>	0,490	114	96	96	63	52	52
50	40	50	<b>4652.546</b>	<b>351 650 830</b>	<b>75,60</b>	0,570	114	96	114	63	52	63
63	26	63	<b>4652.634</b>	<b>351 663 828</b>	<b>143,50</b>	0,925	142	84	142	79	55	79
63	32	63	<b>4652.638</b>	<b>351 663 829</b>	<b>169,80</b>	0,955	142	94	142	79	57	79
63	40	63	<b>4652.642</b>	<b>351 663 830</b>	<b>126,00</b>	1,000	142	104	142	79	60	79
63	50	63	<b>4652.656</b>	<b>351 663 831</b>	<b>126,00</b>	1,105	142	120	142	79	69	79

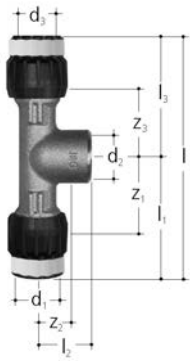
### JRG Sanipex MT T-piece gunmetal With female thread



- Description: to JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: female thread, cone grip union
- Thread type d2 = Rp

d (mm)	afm. (inch)	geschikt voor	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)
16	½	d16 - d16	½	<b>4654.110</b>	<b>351 616 044</b>	<b>42,80</b>	0,130
20	½	d20 - d20	½	<b>4654.210</b>	<b>351 620 944</b>	<b>47,10</b>	0,190
26	½	d26 - d26	½	<b>4654.220</b>	<b>351 626 944</b>	<b>63,70</b>	0,270
26	¾	d26 - d26	¾	<b>4654.250</b>	<b>351 626 945</b>	<b>63,70</b>	0,295
32	½	d32 - d32	½	<b>4654.290</b>	<b>351 632 944</b>	<b>56,00</b>	0,410
32	¾	d32 - d32	¾	<b>4654.310</b>	<b>351 632 945</b>	<b>79,20</b>	0,430

d1 (mm)	d2 (inch)	d3 (mm)	l (mm)	l1 (mm)	l2 (mm)	l3 (mm)	z1 (mm)	z2 (mm)	z3 (mm)
16	½	16	108	54	27	54	35	12	35
20	½	20	125	63	28	63	39	13	39
26	½	26	149	70	34	70	41	19	41
26	¾	26	149	70	34	70	41	18	41
32	½	32	172	86	34	86	49	19	49
32	¾	32	182	86	34	86	49	18	49



### JRG Sanipex MT T-piece gunmetal With female thread and internally coated

- Description: to JRG Sanipex MT pipes
- Temperature: max. 30°C
- Material: gunmetal, plastic
- Connection: female thread, cone grip union
- Thread type d2 = Rp

geschikt voor	d afm. (mm)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)
d16 - d16	16	½	4654.117	351 616 544	98,50	0,140
d20 - d20	20	½	4654.217	351 620 544	107,30	0,190
d26 - d26	26	½	4654.227	351 626 544	130,20	0,275
d26 - d26	26	¾	4654.257	351 626 545	146,10	0,290
d32 - d32	32	¾	4654.317	351 632 545	181,60	0,430

d1 (mm)	d2 (inch)	d3 (mm)	l (mm)	l1 (mm)	l2 (mm)	l3 (mm)	z1 (mm)	z2 (mm)	z3 (mm)
16	½	16	108	54	27	54	35	12	35
20	½	20	125	63	28	63	39	13	39
26	½	26	149	70	34	70	41	19	41
26	¾	26	149	70	34	70	41	18	41
32	¾	32	182	86	34	86	49	18	49

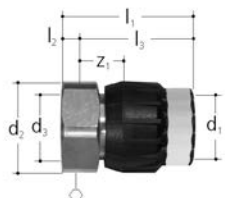


### JRG Sanipex MT T-piece gunmetal With male thread

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d1 = R

d (mm)	GN (inch)	geschikt voor	afm. (inch)	JRG Code	GF Code	EUR	gewicht (kg)
16	½	d16 - d16	½	4655.100	351 616 972	38,90	0,100
16	¾	d16 - d16	¾	4655.200	351 616 973	52,80	0,135
20	¾	d20 - d20	¾	4655.220	351 620 973	73,30	0,170

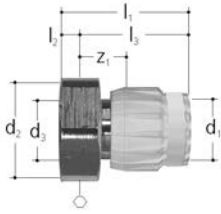
d (mm)	GN (inch)	d1 (inch)	l1 (mm)	l2 (mm)	l3 (mm)	z2 (mm)	z3 (mm)
16	½	½	29	44	44	26	26
16	¾	¾	35	44	44	26	26
20	¾	¾	35	52	52	30	30



### JRG Sanipex MT Transition gunmetal With cone

- Description: for heating element connection
- Material: gunmetal, plastic
- Connection: female thread, gasket, insert-Eurocone, cone grip union
- Thread type d2 = G

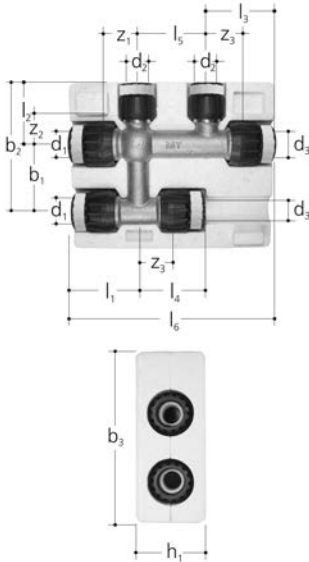
d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (mm)	d2 (inch)	d3 (mm)	l1 (mm)	l2 (mm)	l3 (mm)	z1 (mm)	⊙ (mm)
16	4663.016	351 564 402	22,40	0,065	16	¾	18	42	8	34	15	32
20	4663.020	351 564 403	22,40	0,080	20	¾	18	47	8	39	16	32



### JRG Sanipex MT Transition gunmetal With cone, nickle-plated

- Description: for heating element connection
- Material: gunmetal, nickel-plated, plastic
- Connection: female thread, gasket, insert-Eurocone, cone grip union
- Thread type d2 = G

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (mm)	d2 (inch)	d3 (mm)	l1 (mm)	l2 (mm)	l3 (mm)	z1 (mm)	⊙ (mm)
16	<b>4663.116</b>	<b>351 564 412</b>	<b>24,30</b>	0,060	16	3/4	18	42	8	34	15	32

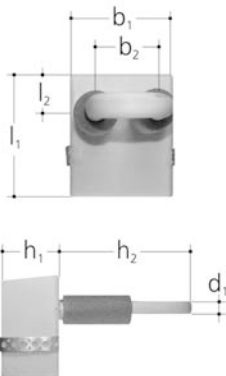


### JRG Sanipex MT Cross tee gunmetal For heating

- Description: for a cross-free connection to the heating element
- Material: gunmetal, plastic
- Connection: cone grip union
- thermal conductivity (EN12667): 0,035 W/mK

d (mm)	d1 (mm)	d2 (mm)	d3 (mm)	JRG Code	GF Code	EUR	gewicht (kg)
16	16	16	16	<b>4664.016</b>	<b>351 616 938</b>	<b>150,20</b>	0,400
20	20	20	20	<b>4664.018</b>	<b>351 620 955</b>	<b>150,20</b>	0,400
20	20	16	20	<b>4664.020</b>	<b>351 616 939</b>	<b>150,20</b>	0,400
20	20	16	16	<b>4664.022</b>	<b>351 620 956</b>	<b>150,20</b>	0,435

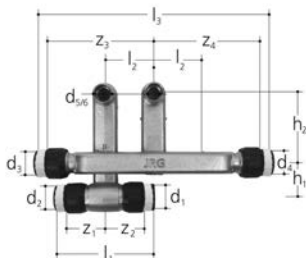
b1 (mm)	b2 (mm)	b3 (mm)	h1 (mm)	l1 (mm)	l2 (mm)	l3 (mm)	l4 (mm)	l5 (mm)	l6 (mm)	z1 (mm)	z2 (mm)	z3 (mm)
50	95	135	50	45	45	45	45	50	160	27	27	27
50	95	135	50	54	54	54	54	50	160	30	30	30
50	95	135	50	54	45	54	54	50	160	30	27	30
50	95	135	50	54	45	45	45	50	160	30	27	27



### JRG Sanipex MT Concealed radiator connection PE-X

- Description: for radiator connection
- Material: pipe loop made of rigid JRG Sanipex MT pipe, PU foam insulation box
- thermal conductivity (EN12667): 0,035 W/mK

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	b1 (mm)	b2 (mm)	d1 (mm)	h1 (mm)	h2 (mm)	l1 (mm)	l2 (mm)
16	<b>4665.100</b>	<b>351 564 801</b>	<b>85,80</b>	0,330	100	50	16	70	170	120	40



### JRG Sanipex MT Baseboard Set gunmetal

- Description: for heating element connection
- Material: gunmetal, plastic
- Connection: male thread, cone grip unions
- draad type d5 = G
- \* zolang de voorraad strekt

geschikt voor	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)
d16 - d16	½	<b>4666.016</b>	<b>351 616 420</b>	<b>109,90</b>	0,850
d20 - d20	½	<b>4666.020</b>	<b>351 620 420</b>	<b>109,90</b>	0,990

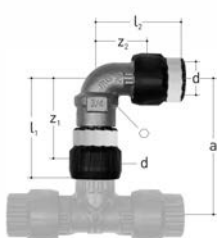
d1 (mm)	d2 (mm)	d3 (mm)	d4 (mm)	d5 (inch)	h1 (mm)	h2 (mm)	l1 (mm)	l2 (mm)	l3 (mm)	z1 (mm)	z2 (mm)	z3 (mm)	z4 (mm)
16	16	16	16	½	35	70	95	50	235	29	29	99	99
20	20	20	20	½	35	70	105	50	248	28	28	98	98



### JRG Sanipex MT Elbow 90° PPSU

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- materiaal: PPSU, PA
- Connection: cone grip union

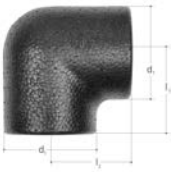
d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l1 (mm)	l2 (mm)	z1 (mm)	z2 (mm)
16	<b>4670.016</b>	<b>351 616 922</b>	<b>13,60</b>	0,030	46	46	27	27
20	<b>4670.020</b>	<b>351 620 922</b>	<b>14,70</b>	0,045	55	55	31	31
26	<b>4670.026</b>	<b>351 626 922</b>	<b>20,70</b>	0,090	68	68	39	39
32	<b>4670.032</b>	<b>351 632 922</b>	<b>26,40</b>	0,155	82	82	45	45
40	<b>4670.040</b>	<b>351 640 922</b>	<b>38,10</b>	0,285	99	99	55	55
50	<b>4670.050</b>	<b>351 650 822</b>	<b>73,40</b>	0,455	114	114	63	63
63	<b>4670.063</b>	<b>351 663 822</b>	<b>116,80</b>	0,880	142	142	79	79



### JRG Sanipex MT Elbow 90° gunmetal With loose nut

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- Material: gunmetal, plastic
- Connection: cone grip union

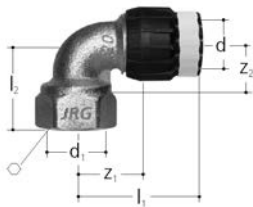
d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	a (mm)	b (mm)	l1 (mm)	l2 (mm)	z1 (mm)	z2 (mm)	⊙ (mm)
16	<b>4670.216</b>	<b>351 616 917</b>	<b>53,40</b>	0,111	73	16	53	46	46	27	25
20	<b>4670.220</b>	<b>351 620 917</b>	<b>56,00</b>	0,180	89	20	67	58	58	32	30
26	<b>4670.226</b>	<b>351 626 948</b>	<b>72,80</b>	0,300	106	26	80	71	67	39	36
32	<b>4670.232</b>	<b>351 632 963</b>	<b>91,50</b>	0,120	128	32	98	86	82	46	43
40	<b>4670.240</b>	<b>351 640 946</b>	<b>125,50</b>	0,860	150	40	113	103	95	56	50
50	<b>4670.250</b>	<b>351 650 934</b>	<b>186,50</b>	1,200	157	50	115	114	94	65	60
63	<b>4670.263</b>	<b>351 663 934</b>	<b>279,50</b>	2,110	188	63	138	142	110	82	70



### JRG Sanipex MT Insulation box for elbow 90° EPP

- Description: Half shells made of EPP for an easy, professional and economical insulation of JRG Sanipex MT fittings
- Material: Expanded polypropylene (EPP)
- Temperature: max. 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	EUR	gewicht (kg)	d1 (mm)	l1 (mm)	l2 (mm)
16	<b>4670.516</b>	<b>351 616 666</b>	<b>9,70</b>	0,010	58	47	47
20	<b>4670.520</b>	<b>351 620 666</b>	<b>10,10</b>	0,014	62	56	56
26	<b>4670.526</b>	<b>351 626 666</b>	<b>10,90</b>	0,019	68	70	70
32	<b>4670.532</b>	<b>351 632 666</b>	<b>13,50</b>	0,041	95	84	84
40	<b>4670.540</b>	<b>351 640 666</b>	<b>30,60</b>	0,070	122	101	101
50	<b>4670.550</b>	<b>351 650 666</b>	<b>35,90</b>	0,100	134	117	117
63	<b>4670.563</b>	<b>351 663 666</b>	<b>45,80</b>	0,194	164	114	114



### JRG Sanipex MT Elbow 90° gunmetal With female thread

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: female thread, cone grip union
- draad type d1 = Rp

d (mm)	afm. (inch)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)
16	¾	¾	<b>4671.100</b>	<b>351 616 918</b>	<b>44,00</b>	0,072
16	½	½	<b>4671.110</b>	<b>351 616 974</b>	<b>31,60</b>	0,100
20	½	½	<b>4671.210</b>	<b>351 620 918</b>	<b>62,80</b>	0,120
20	¾	¾	<b>4671.220</b>	<b>351 620 974</b>	<b>45,60</b>	0,140
26	¾	¾	<b>4671.250</b>	<b>351 626 949</b>	<b>53,70</b>	0,180
32	1	1	<b>4671.310</b>	<b>351 632 964</b>	<b>77,60</b>	0,310
40	¾	1 ¼	<b>4671.410</b>	<b>351 640 947</b>	<b>120,40</b>	0,500
50	1 ½	1 ½	<b>4671.510</b>	<b>351 650 935</b>	<b>190,60</b>	0,770
63	2	2	<b>4671.610</b>	<b>351 663 935</b>	<b>268,30</b>	1,350

d1 (inch)	l1 (mm)	l2 (mm)	z1 (mm)	z2 (mm)	⊘ (mm)
¾	46	27	27	17	25
½	43	33	25	17	27
½	55	34	31	21	30
¾	56	36	30	22	32
¾	68	37	39	23	36
1	85	45	45	28	43
1 ¼	99	50	55	31	50
1 ½	114	59	63	40	60
2	142	67	79	44	70



### JRG Sanipex MT Elbow 90° gunmetal With male thread

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d1 = R

d (mm)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (inch)	l1 (mm)	l2 (mm)	z1 (mm)	⊘ (mm)
16	½	4672.110	351 616 975	31,10	0,070	½	44	31	25	18
16	¾	4672.120	351 616 914	27,40	0,102	¾	49	35	28	18
20	½	4672.210	351 620 975	36,70	0,092	½	50	33	27	21
20	¾	4672.220	351 620 976	44,20	0,105	¾	52	35	30	21
26	¾	4672.250	351 626 993	46,00	0,180	¾	69	54	39	27
32	1	4672.310	351 632 994	59,20	0,280	1	83	60	45	32
40	1 ¼	4672.410	351 640 994	89,40	0,480	1 ¼	106	74	55	46
50	1 ½	4672.510	351 650 994	131,00	0,779	1 ½	111	62	60	50



### JRG Sanipex MT Transition bend gunmetal With push-in connection

- Description: for stainless steel / copper pipes
- temperatuur: max. 90 °C
- Material: gunmetal, PPSU
- Connection: push-in system sudoFIT

Goedgekeurd voor de volgende typen buizen en systemen:(Voor andere keuren, neem contact op met onze verkoopbinnendienst).

**RVS buizen** / PN16 / Ø 15, 18, 22, 28, 35, 42, 54 / Mapress / Optipress, Sanpress / inoxPRES  
**Koperen buizen** / PN10 / Ø 12, 15, 18, 22, 28, 35, 42, 54 / WICU, KME / SANCO, Wieland-Werke / SANCO, KME

DN (mm)	JRG Code	gewicht (kg)	GF Code	EUR	d1 (mm)	d2 (mm)	l1 (mm)	l2 (mm)	z1 (mm)	z2 (mm)
10	4673.098	0,095	351 060 574	40,40	16	12	39	47	16	26
12	4673.100	0,104	351 060 570	59,60	16	15	44	47	20	28



### JRG Sanipex MT Transition bend gunmetal With loose nut

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, brass, plastic
- Connection: female thread, gasket, lose nut, cone grip union
- Thread type d2 = G

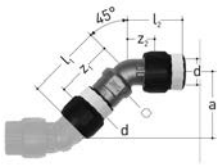
d (mm)	GN (inch)	afm. (inch)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (mm)	d2 (inch)	l1 (mm)	l2 (mm)	z1 (mm)	z2 (mm)
16	½	½	4674.016	351 563 023	35,80	0,091	16	½	46	32	27	22



### JRG Sanipex MT Elbow 45° PPSU

- Description: to JRG Sanipex d20, JRG Sanipex MT
- materiaal: PPSU, PA
- Connection: cone grip union

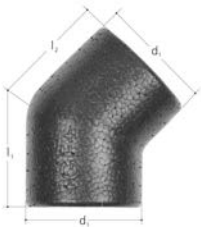
d (mm)	JRG Code	GF Code	EUR gewicht (kg)	l1 (mm)	l2 (mm)	z1 (mm)	z2 (mm)
20	<b>4676.020</b>	<b>351 620 923</b>	<b>14,70</b>	0,041	45	45	21
26	<b>4676.026</b>	<b>351 626 923</b>	<b>20,70</b>	0,075	56	56	27
32	<b>4676.032</b>	<b>351 632 923</b>	<b>26,40</b>	0,140	69	69	32
40	<b>4676.040</b>	<b>351 640 923</b>	<b>38,10</b>	0,260	81	81	37
50	<b>4676.050</b>	<b>351 650 823</b>	<b>73,40</b>	0,440	98	98	47
63	<b>4676.063</b>	<b>351 663 823</b>	<b>110,40</b>	0,840	119	119	56



### JRG Sanipex MT Elbow 45° gunmetal With loose nut

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- materiaal: PPSU, PA
- Connection: cone grip union

d (mm)	JRG Code	GF Code	EUR gewicht (kg)	a (mm)	l1 (mm)	l2 (mm)	z1 (mm)	z2 (mm)	⊙ (mm)
26	<b>4676.226</b>	<b>351 626 950</b>	<b>72,80</b>	0,300	65	76	58	65	27
32	<b>4676.232</b>	<b>351 632 965</b>	<b>91,50</b>	0,480	72	82	72	70	32
40	<b>4676.240</b>	<b>351 640 948</b>	<b>125,50</b>	0,790	84	96	84	82	37
50	<b>4676.250</b>	<b>351 650 936</b>	<b>186,50</b>	1,130	90	98	98	80	48
63	<b>4676.263</b>	<b>351 663 936</b>	<b>279,50</b>	2,010	111	121	119	101	57



### JRG Sanipex MT Insulation box for elbow 45° EPP

- Description: Half shells made of EPP for an easy, professional and economical insulation of JRG Sanipex MT fittings
- Material: Expanded polypropylene (EPP)
- Temperature: max. 110°C
- Building material class: B2 according DIN 4102 and E according EN 13501-1
- Thermal conductivity: 0.035 W/mK according EN 12667

d (mm)	JRG Code	GF Code	EUR gewicht (kg)	d1 (mm)	l1 (mm)	l2 (mm)
20	<b>4676.520</b>	<b>351 620 667</b>	<b>16,90</b>	9,000	62	46
26	<b>4676.526</b>	<b>351 626 667</b>	<b>18,00</b>	0,014	68	58
32	<b>4676.532</b>	<b>351 632 667</b>	<b>20,70</b>	0,035	95	71
40	<b>4676.540</b>	<b>351 640 667</b>	<b>28,60</b>	0,060	122	83
50	<b>4676.550</b>	<b>351 650 667</b>	<b>35,20</b>	0,085	134	105
63	<b>4676.563</b>	<b>351 663 667</b>	<b>44,20</b>	0,179	164	131



### JRG Sanipex MT Elbow 45° gunmetal With female thread

- Description: to JRG Sanipex, JRG Sanipex MT pipes
- Material: gunmetal, plastic
- Connection: female thread, cone grip union

d (mm)	GN (inch)	afm. (inch)	JRG Code	GF Code	EUR gewicht (kg)	
26	¾	¾	<b>4677.250</b>	<b>351 626 951</b>	<b>124,50</b>	0,180
32	1	1	<b>4677.310</b>	<b>351 632 966</b>	<b>146,00</b>	0,270
40	1 ¼	¾	<b>4677.410</b>	<b>351 640 949</b>	<b>228,00</b>	0,430
50	1 ½	1 ½	<b>4677.510</b>	<b>351 650 937</b>	<b>300,70</b>	0,700
63	2	2	<b>4677.610</b>	<b>351 663 937</b>	<b>453,70</b>	1,230

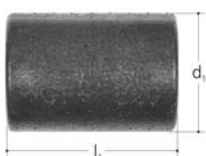
d (mm)	d1 (mm)	l1 (mm)	l2 (mm)	z1 (mm)	z2 (mm)	⊙ (mm)
26	3/4	58	35	27	21	36
32	1	72	32	32	15	43
40	1 1/4	84	37	37	18	50
50	1 1/2	98	42	48	23	60
63	2	119	50	57	27	70



### JRG Sanipex MT Coupler PPSU

- Description: to JRG Sanipex MT pipes
- materiaal: PPSU, PA
- Connection: cone grip union

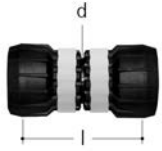
d (mm)	JRG Code	GF Code	EUR gewicht (kg)	l1 (mm)	z1 (mm)	
16	<b>4690.016</b>	<b>351 616 920</b>	<b>11,40</b>	0,026	76	37
20	<b>4690.020</b>	<b>351 620 920</b>	<b>13,60</b>	0,040	90	42
26	<b>4690.026</b>	<b>351 626 920</b>	<b>19,20</b>	0,077	108	50
32	<b>4690.032</b>	<b>351 632 920</b>	<b>27,00</b>	0,190	127	53
40	<b>4690.040</b>	<b>351 640 920</b>	<b>42,30</b>	0,240	150	62
50	<b>4690.050</b>	<b>351 650 820</b>	<b>41,60</b>	0,385	166	64
63	<b>4690.063</b>	<b>351 663 820</b>	<b>101,40</b>	0,740	205	79



### JRG Sanipex MT Insulation box for coupling EPP

- Description: Half shells made of EPP for an easy, professional and economical insulation of JRG Sanipex MT fittings
- Material: Expanded polypropylene (EPP)
- Temperature: max. 110°C
- Thermal conductivity: 0.035 W/mK according EN 12667
- Building material class: B2 according DIN 4102 and E according EN 13501-1

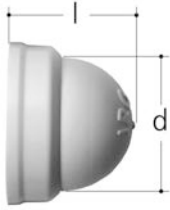
d (mm)	JRG Code	GF Code	EUR gewicht (kg)	d1 (mm)	l1 (mm)	
16	<b>4690.516</b>	<b>351 616 668</b>	<b>9,60</b>	0,008	58	75
20	<b>4690.520</b>	<b>351 620 668</b>	<b>9,90</b>	0,015	62	92
26	<b>4690.526</b>	<b>351 626 668</b>	<b>10,90</b>	0,023	68	118
32	<b>4690.532</b>	<b>351 632 668</b>	<b>26,80</b>	0,035	95	132
40	<b>4690.540</b>	<b>351 640 668</b>	<b>29,10</b>	0,055	122	153
50	<b>4690.550</b>	<b>351 650 668</b>	<b>35,90</b>	0,070	134	170
63	<b>4690.563</b>	<b>351 663 668</b>	<b>45,80</b>	0,141	164	210



### JRG Sanipex MT Double union PPSU

- Description: to JRG Sanipex MT components
- materiaal: kunststof
- Connection: cone grip union

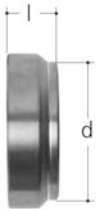
d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)
16	4692.016	351 616 940	18,80	0,019	35
20	4692.020	351 620 940	19,80	0,031	46
26	4692.026	351 626 940	23,70	0,060	57
32	4692.032	351 632 940	28,50	0,108	72
40	4692.040	351 640 940	36,70	0,190	84
50	4692.050	351 650 940	49,90	0,330	104
63	4692.063	351 663 940	69,20	0,610	126



### JRG Sanipex MT Cap for cone grip unions PPSU

- Description: to JRG Sanipex MT components
- materiaal: PPSU
- Connection: cone grip union

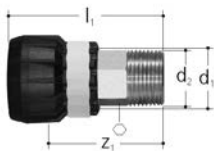
d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)
16	4695.016	351 616 904	3,70	0,002	16
20	4695.020	351 620 904	4,90	0,003	19
26	4695.026	351 626 904	8,50	0,007	24
32	4695.032	351 632 904	11,20	0,012	28
40	4695.040	351 640 904	17,40	0,020	34



### JRG Sanipex MT Cap for cone grip unions gunmetal

- Description: to JRG Sanipex MT components
- materiaal: gunmetal
- Connection: cone grip union

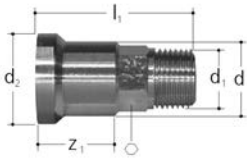
d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)
50	4695.050	351 650 904	63,90	0,140	18
63	4695.063	351 663 904	89,30	0,275	22



### JRG Sanipex MT Adapter gunmetal With male thread and union

- Description: to JRG Sanipex MT components
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d2 = R

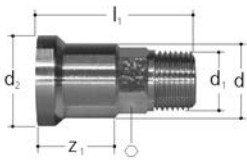
d (mm)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (mm)	d2 (inch)	l1 (mm)	z1 (mm)	⊘ (mm)
20	½	4696.210	351 620 931	33,00	0,090	20	½	59	34	18
26	¾	4696.220	351 626 960	36,60	0,155	26	¾	70	41	23



### JRG Sanipex MT Adapter gunmetal With male thread

- Description: to JRG Sanipex MT components
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d1 = R

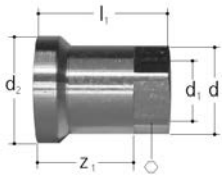
d	GN	JRG	GF	EUR	gewicht	d1	d2	l1	z1	⊘
(mm)	(inch)	Code	Code		(kg)	(inch)	(mm)	(mm)	(mm)	(mm)
26	1/2	4696.215	351 626 983	34,50	0,115	1/2	32	55	42	21
32	1/2	4696.315	351 632 984	40,00	0,170	1/2	39	62	49	21
32	3/4	4696.320	351 632 982	40,00	0,205	3/4	39	65	50	27
40	1/2	4696.415	351 640 987	67,00	0,278	1/2	49	69	56	21
40	3/4	4696.420	351 640 982	67,00	0,310	3/4	49	72	57	27
40	1	4696.425	351 640 983	72,20	0,330	1	49	78	59	32



### JRG Sanipex MT Adapter gunmetal With male thread, internally coated

- Description: to JRG Sanipex MT components
- Temperature: max. 30°C
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d1 = R

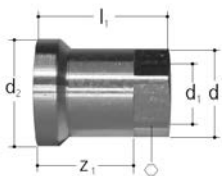
d	GN	JRG	GF	EUR	gewicht	d1	d2	l1	z1	⊘
(mm)	(inch)	Code	Code		(kg)	(inch)	(mm)	(mm)	(mm)	(mm)
26	1/2	4696.217	351 626 583	90,30	0,120	1/2	32	55	42	21



### JRG Sanipex MT Adapter gunmetal With female thread

- Description: to JRG Sanipex MT components
- Material: gunmetal, plastic
- Connection: female thread, cone grip union
- Thread type d1 = Rp

d	GN	JRG	GF	EUR	gewicht	d1	d2	l1	z1	⊘
(mm)	(inch)	Code	Code		(kg)	(inch)	(mm)	(mm)	(mm)	(mm)
26	3/8	4697.210	351 626 982	26,80	0,105	3/8	32	39	27	24
26	1/2	4697.215	351 626 933	21,40	0,100	1/2	32	39	24	24
32	1/2	4697.315	351 632 983	33,80	0,160	1/2	39	47	34	27
40	1/2	4697.415	351 640 984	55,40	0,270	1/2	49	54	40	27
40	3/4	4697.420	351 640 985	56,10	0,260	3/4	49	55	40	32



### JRG Sanipex MT Adapter gunmetal With female thread, internally coated

- Description: to JRG Sanipex MT components
- Temperature: max. 30°C
- Material: gunmetal, plastic
- Connection: female thread, cone grip union
- draad type d1 = Rp

d	GN	JRG	GF	EUR	gewicht	d1	d2	l1	z1	⊘
(mm)	(inch)	Code	Code		(kg)	(inch)	(mm)	(mm)	(mm)	(mm)
40	1/2	4697.417	351 640 584	180,90	0,270	1/2	49	54	40	27



### JRG Sanipex MT Transition union gunmetal

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- Material: gunmetal, plastic
- Connection: JRG Sanipex MT
- Thread type d1 = G

Not suitable for direct connection to water meters, as replacement only possible with JRG Sanipex MT ratchet torque wrench.

d (mm)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (inch)	l1 (mm)	l2 (mm)	l3 (mm)	z1 (mm)	⊘ (mm)
16	½	4700.096	351 616 992	28,30	0,068	½	43,0	6,0	37,0	16,5	27
20	½	4700.098	351 620 968	27,00	0,071	½	50,0	6,0	44,0	17,5	27
16	¾	4700.102	351 616 994	26,40	0,066	¾	39,0	6,0	33,0	14,5	32
20	¾	4700.104	351 620 992	27,40	0,070	¾	44,0	6,0	38,0	15,5	32
26	¾	4700.106	351 626 919	31,60	0,100	¾	57,0	6,0	49,0	20,0	32
16	1	4700.108	351 616 936	41,30	0,135	1	42,5	7,0	35,5	22,5	37
20	1	4700.110	351 620 936	41,30	0,080	1	49,0	7,0	42,0	20,5	37
26	1	4700.112	351 626 994	41,30	0,115	1	54,5	7,0	47,5	18,5	37
16	1 ¼	4700.120	351 616 996	55,80	0,130	1 ¼	41,0	8,0	33,0	14,5	46
20	1 ¼	4700.122	351 620 994	59,50	0,130	1 ¼	46,0	8,0	38,0	15,5	46
26	1 ¼	4700.124	351 626 995	58,50	0,150	1 ¼	55,5	8,0	47,5	18,5	46
32	1 ¼	4700.126	351 632 995	58,50	0,200	1 ¼	65,5	8,0	57,5	19,5	46
26	1 ½	4700.128	351 626 996	62,40	0,200	1 ½	56,5	9,0	47,5	18,5	54
32	1 ½	4700.130	351 632 996	63,60	0,260	1 ½	66,5	9,0	57,5	19,5	54
40	1 ½	4700.132	351 640 995	63,00	0,330	1 ½	77,5	9,0	68,5	23,5	55
40	2	4700.136	351 640 996	72,20	0,420	2	82,5	13,5	69,0	24,5	67
50	1 ¾	4700.134	351 650 995	101,20	0,550	1 ¾	81,5	10,0	71,5	33,0	60
50	2 ¼	4700.138	351 650 996	101,20	0,667	2 ¼	82,5	11,0	71,5	34,0	72
63	2 ¾	4700.140	351 663 995	146,90	0,950	2 ¾	99,5	11,0	88,5	39,0	78
63	2 ¾	4700.142	351 663 996	146,90	1,050	2 ¾	100,0	13,5	86,5	40,0	89



### JRG Sanipex MT Transition gunmetal For manifold union

- Description: to JRG Sanipex d20, JRG Sanipex MT
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d1 = G

d (mm)	GN (mm)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (inch)	l2 (mm)	z1 (mm)	⊘ (mm)
20	1	4705.020	351 620 989	34,10	0,120	1	58	35	30
26	1	4705.026	351 626 991	39,20	0,150	1	68	39	30
32	1	4705.032	351 632 993	47,80	0,185	1	78	38	30



### JRG Sanipex MT Transition bend for radiator connection copper Nickle-plated

- Description: for radiator mounting
- Material: copper, brass, nickel-plated
- Connection: cone grip union

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	d1 (mm)	d2 (mm)	l (mm)	r (mm)	z (mm)
d16 - d15	<b>4707.016</b>	<b>351 616 983</b>	<b>47,80</b>	0,180	16	15	300	38	72



### JRG Sanipex MT Transition gunmetal With male thread

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d1 = R

d (mm)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (mm)	d1 (inch)	l1 (mm)	z1 (mm)	⊘ (mm)
16	½	<b>4710.110</b>	<b>351 616 997</b>	<b>19,80</b>	0,070	16	½	50	31	21
16	¾	<b>4710.150</b>	<b>351 620 933</b>	<b>49,90</b>	0,100	16	¾	57	37	21
20	½	<b>4710.210</b>	<b>351 620 995</b>	<b>20,80</b>	0,077	20	½	59	36	21
20	¾	<b>4710.220</b>	<b>351 620 996</b>	<b>22,20</b>	0,110	20	¾	60	37	21
26	¾	<b>4710.250</b>	<b>351 626 997</b>	<b>28,90</b>	0,130	26	¾	74	44	27
26	1	<b>4710.260</b>	<b>351 626 987</b>	<b>32,10</b>	0,160	26	1	77	47	30
32	1	<b>4710.310</b>	<b>351 632 997</b>	<b>34,50</b>	0,200	32	1	88	50	32
40	1 ¼	<b>4710.410</b>	<b>351 640 997</b>	<b>47,10</b>	0,440	40	1 ¼	103	58	46
50	1 ½	<b>4710.510</b>	<b>351 650 997</b>	<b>88,40</b>	0,550	50	1 ½	118	67	50
63	2	<b>4710.610</b>	<b>351 663 997</b>	<b>114,00</b>	0,990	63	2	143	80	65



### JRG Sanipex MT Transition gunmetal With male thread, internally coated

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- Temperature: max. 30°C
- Material: gunmetal, plastic
- Connection: male thread, cone grip union
- Thread type d1 = R

d (mm)	GN (inch)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (inch)	l2 (mm)	z1 (mm)	⊘ (mm)
16	½	<b>4710.117</b>	<b>351 616 597</b>	<b>52,80</b>	0,070	½	50	31	21
20	½	<b>4710.217</b>	<b>351 620 595</b>	<b>52,80</b>	0,080	½	59	36	21
20	¾	<b>4710.227</b>	<b>351 620 596</b>	<b>55,80</b>	0,120	¾	60	37	21
26	¾	<b>4710.257</b>	<b>351 626 597</b>	<b>63,70</b>	0,150	¾	74	44	27
26	1	<b>4710.267</b>	<b>351 626 587</b>	<b>75,70</b>	0,160	1	77	47	30
32	1	<b>4710.317</b>	<b>351 632 597</b>	<b>78,50</b>	0,200	1	88	50	32
40	1 ¼	<b>4710.417</b>	<b>351 640 597</b>	<b>93,50</b>	0,450	1 ¼	103	58	46



**JRG Sanipex MT Transition gunmetal**  
**With male thread, nickel-plated, white union nut**

- Description: for heating element connection
- Material: gunmetal, nickel-plated, plastic
- Connection: male thread, cone grip union
- Thread type d1 = R

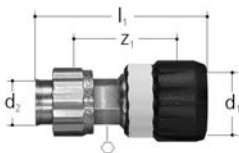
d	GN	JRG	GF	EUR	gewicht	d1	l1	z1	⊘
(mm)	(inch)	Code	Code		(kg)	(inch)	(mm)	(mm)	(mm)
16	½	4711.115	351 565 001	26,40	0,066	½	50	31	21



**JRG Sanipex MT Transition gunmetal**  
**With female thread**

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- Material: gunmetal, plastic
- Connection: female thread, cone grip union
- Thread type d1 = Rp

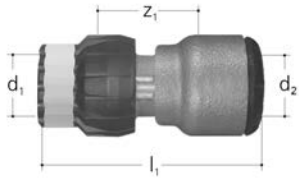
d	GN	JRG	GF	EUR	gewicht	d1	l1	z1	⊘
(mm)	(inch)	Code	Code		(kg)	(inch)	(mm)	(mm)	(mm)
16	½	4712.110	351 616 998	20,20	0,070	½	47	15	27
20	½	4712.210	351 620 997	20,80	0,078	½	51	15	27
20	¾	4712.220	351 620 998	22,70	0,100	¾	54	17	32
26	½	4712.240	351 626 988	29,10	0,103	½	64	16	27
26	¾	4712.250	351 626 998	28,90	0,120	¾	61	17	32
26	1	4712.260	351 626 984	37,60	0,190	1	67	20	41
32	1	4712.310	351 632 998	42,30	0,220	1	74	19	41
40	1 ¼	4712.410	351 640 998	51,90	0,350	1 ¼	86	22	50
50	1 ½	4712.510	351 650 998	96,60	0,480	1 ½	95	28	55
63	2	4712.610	351 663 998	118,10	0,900	2	115	33	70



**JRG Sanipex MT Transition gunmetal**  
**To JRG Sanipex**

- Material: gunmetal, brass, plastic
- Connection: cone grip union

d1	d2	JRG	GF	EUR	gewicht	l1	z1	⊘
(mm)	(mm)	Code	Code		(kg)	(mm)	(mm)	(mm)
16	12	4713.012	351 616 990	34,20	0,060	54	34	13



### JRG Sanipex MT Transition gunmetal With push-in connection

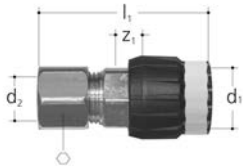
- Description: for stainless steel / copper pipes
- temperatuur: max. 90 °C
- Material: gunmetal, PPSU
- Connection: push-in system sudoFIT

toegestane buizen vindt u in de montagehandleiding van de gereedschapsset JRG code 8130.000  
Goedgekeurd voor de volgende typen buizen en systemen:(Voor andere keuren, neem contact op met onze verkoopbinnendienst).

**RVS buizen** / PN16 / Ø 15, 18, 22, 28, 35, 42, 54 / Mapress / Optipress, Sanpress /inoxPRES

**Koperen buizen** / PN10 / Ø 12, 15, 18, 22, 28, 35, 42, 54 / WICU, KME / SANCO, Wieland-Werke / SANCO, KME

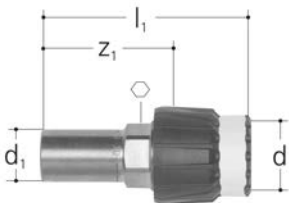
d1 (mm)	d2 (mm)	DN (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l1 (mm)	z1 (mm)
16	12	10	4714.098	351 060 500	30,90	0,065	55	16
16	15	12	4714.100	351 060 501	35,70	0,075	62	21
20	18	15	4714.104	351 060 511	40,10	0,125	76	24
20	22	15	4714.105	351 060 516	47,80	0,140	82	25
26	22	20	4714.106	351 060 521	47,80	0,140	75	15
32	28	25	4714.108	351 060 531	72,50	0,245	93	14
40	35	32	4714.110	351 060 541	96,50	0,380	107	16



### JRG Sanipex MT Transition to copper pipes gunmetal

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- Material: gunmetal, plastic
- Connection: hex nut union for copper-, plastic pipes

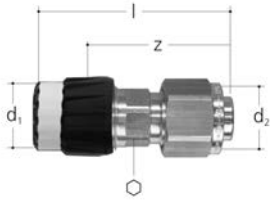
d (mm)	geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	d1 (mm)	l1 (mm)	z1 (mm)	⊘ (mm)
10	d16 - d10	4715.016	351 616 923	38,30	0,060	16	56	11	19



### JRG Sanipex MT Transition gunmetal For press-fit end

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- Material: gunmetal, plastic
- Connection: cone grip union

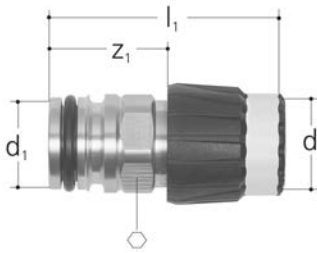
	d (mm)	d1 (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l1 (mm)	z1 (mm)	⊘ (mm)
*	16	12	4716.098	351 616 926	33,80	0,046	60	39	16
	16	15	4716.100	351 616 924	33,80	0,046	65	45	16
	16	18	4716.101	351 616 925	40,90	0,052	65	45	18
	20	18	4716.104	351 620 941	40,90	0,068	74	48	20
	20	22	4716.105	351 620 942	45,50	0,081	75	49	22
	26	22	4716.106	351 626 941	46,90	0,097	85	53	27
	26	28	4716.108	351 626 942	46,90	0,123	86	54	30



### JRG Sanipex MT Transition MF gunmetal

- omschrijving: compatibel met GEBERIT buitendraad MF 1/2"
- materiaal: gunmetal
- Connection: loose nut, cone grip union
- Thread type d2 = Rp

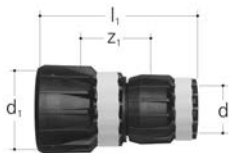
d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (mm)	d2 (inch)	l (mm)	z (mm)	⊕
16	<b>4717.116</b>	<b>351 616 989</b>	<b>25,20</b>	0,100	16	½	64	46	18
20	<b>4717.120</b>	<b>351 620 987</b>	<b>34,10</b>	0,122	20	½	74	51	21



### JRG Sanipex MT Transition to TECO brass

- Description: to TECO distributors
- Material: brass, plastic
- Thread type d1 = G

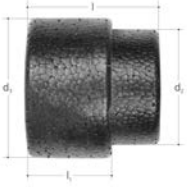
d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (inch)	l1 (mm)	z1 (mm)	⊕
16	<b>4719.116</b>	<b>351 616 927</b>	<b>20,80</b>	0,061	½	57	35	6
20	<b>4719.120</b>	<b>351 620 943</b>	<b>23,10</b>	0,073	¾	65	36	6



### JRG Sanipex MT Reduction PPSU

- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes
- materiaal: PPSU, PA
- Connection: cone grip union

d1 (mm)	d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l1 (mm)	z1 (mm)
20	16	<b>4730.100</b>	<b>351 620 925</b>	<b>13,10</b>	0,035	58,0	31
26	16	<b>4730.102</b>	<b>351 626 926</b>	<b>16,20</b>	0,050	70,5	41
26	20	<b>4730.104</b>	<b>351 626 927</b>	<b>16,20</b>	0,055	74,0	39
32	16	<b>4730.106</b>	<b>351 632 925</b>	<b>18,80</b>	0,075	82,0	52
32	20	<b>4730.108</b>	<b>351 632 926</b>	<b>19,80</b>	0,075	87,0	50
32	26	<b>4730.110</b>	<b>351 632 927</b>	<b>20,40</b>	0,095	92,0	50
40	16	<b>4730.112</b>	<b>351 640 924</b>	<b>24,90</b>	0,125	94,0	61
40	20	<b>4730.114</b>	<b>351 640 925</b>	<b>27,90</b>	0,132	100,0	61
40	26	<b>4730.116</b>	<b>351 640 926</b>	<b>29,40</b>	0,140	105,0	61
40	32	<b>4730.118</b>	<b>351 640 927</b>	<b>30,00</b>	0,160	111,0	58
50	26	<b>4730.124</b>	<b>351 650 824</b>	<b>37,90</b>	0,160	110,0	57
50	32	<b>4730.126</b>	<b>351 650 825</b>	<b>41,90</b>	0,185	118,0	58
50	40	<b>4730.128</b>	<b>351 650 826</b>	<b>40,00</b>	0,240	128,0	59
63	32	<b>4730.136</b>	<b>351 663 825</b>	<b>76,10</b>	0,100	134,0	67
63	40	<b>4730.138</b>	<b>351 663 826</b>	<b>78,30</b>	0,345	145,0	71
63	50	<b>4730.140</b>	<b>351 663 827</b>	<b>73,60</b>	0,430	158,0	77

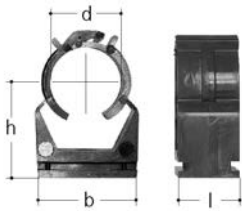


### JRG Sanipex MT Reduction inlet for t-piece insulation boxes EPP

- Description: Half shells made of EPP for an easy, professional and economical insulation of JRG Sanipex MT fittings
- Material: Expanded polypropylene (EPP)
- Temperature: max. 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 (mm)	d (mm)	JRG Code	GF Code	EUR gewicht (kg)	d2 (mm)	d3 (mm)	l (mm)	l1 (mm)	
20	16	4730.500	351 620 671	4,70	0,001	30	35	34	24
26	16	4730.502	351 626 671	4,90	0,002	37	45	43	29
26	20	4730.504	351 626 672	4,90	0,001	37	45	43	29
32	16	4730.506	351 632 671	8,50	0,002	44	54	53	34
32	20	4730.508	351 632 672	5,30	0,001	44	54	53	34
32	26	4730.510	351 632 673	5,30	0,001	44	54	53	34
40	26	4730.516	351 640 671	10,10	0,004	53	66	62	39
40	32	4730.518	351 640 672	10,10	0,003	53	66	62	38
50	26	4730.524	351 650 671	21,50	0,009	66	78	76	46
50	32	4730.526	351 650 672	21,50	0,008	66	78	76	46
50	40	4730.528	351 650 673	21,50	0,005	66	78	76	46
63	26	4730.534	351 663 671	23,50	0,021	82	97	96	59
63	32	4730.536	351 663 672	23,50	0,019	82	97	96	59
63	40	4730.538	351 663 673	23,50	0,015	82	97	96	59
63	50	4730.540	351 663 674	23,50	0,010	82	97	96	59

### Pipe clip plastic

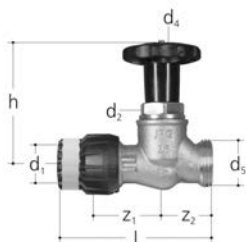


- Description: one piece clip with quick release fastener (black)
  - materiaal: kunststof
- voor iFIT, INSTAFLEX, JRG Sanipex, JRG Sanipex MT

d (mm)	JRG Code	GF Code	EUR gewicht (kg)	b (mm)	h (mm)	l (mm)	
16	4755.016	355 637 901	0,90	0,004	15	20	23
20	4755.020	355 637 902	0,90	0,006	15	23	26

# Sanipex MT Valves

## Valves

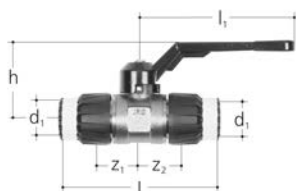


### JRG Sanipex MT LegioStop distributor shut-off valve gunmetal

- temperatuur: max. 90 °C
- Material: gunmetal, stainless steel, EPDM, plastic
- Connection: handwheel, cone grip union
- Suitable for: 5395.320, 4640, 5419-5424, 5455
- draad type d5 = G
- Thread type d2 = G

d	DN	JRG Code	GF Code	EUR	gewicht
(mm)	(mm)				(kg)
26	20	<b>4771.010</b>	<b>351 626 975</b>	<b>119,10</b>	0,420

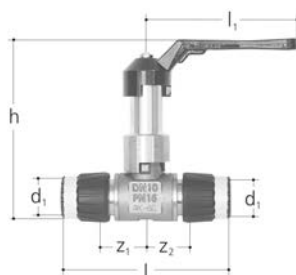
d	DN	d1	d2	d4	d5	h	l	z1	z2
(mm)	(mm)	(mm)	(inch)	(mm)	(inch)	(mm)	(mm)	(mm)	(mm)
26	20	26	¾	53	1	79	101	39	33



### JRG Sanipex MT Ball valve gunmetal

- Material: gunmetal, plastic
- Temperature: max. -20°C / +95°C (water, compressed air, vacuum)
- Connection: cone grip unions

d	DN	JRG Code	GF Code	EUR	gewicht	d1	h	l	l1	z1	z2	PN
(mm)	(mm)				(kg)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(bar)
16	12	<b>6041.016</b>	<b>351 616 310</b>	<b>103,00</b>	0,230	16	45	94	84	28	28	10
20	15	<b>6041.020</b>	<b>351 620 310</b>	<b>125,20</b>	0,308	20	49	109	84	31	31	10
26	20	<b>6041.026</b>	<b>351 626 310</b>	<b>188,60</b>	0,543	26	63	131	125	37	37	10
32	25	<b>6041.032</b>	<b>351 632 310</b>	<b>289,90</b>	0,933	32	71	158	125	42	42	10
40	32	<b>6041.040</b>	<b>351 640 310</b>	<b>415,80</b>	1,547	40	75	186	125	49	49	10



### JRG Sanipex MT Ball valve gunmetal With spindle extension

- Material: gunmetal, stainless steel, PPSU
- Temperature: max. -20°C / +95°C (water, compressed air, vacuum)
- Connection: cone grip unions

d	DN	JRG Code	GF Code	EUR	gewicht	d1	h	l	l1	PN	z1	z2
(mm)	(mm)				(kg)	(mm)	(mm)	(mm)	(mm)	(bar)	(mm)	(mm)
16	12	<b>6041.116</b>	<b>351 616 330</b>	<b>136,10</b>	0,264	16	99	130	84	10	28	28
20	15	<b>6041.120</b>	<b>351 620 330</b>	<b>158,80</b>	0,342	20	106	109	84	10	31	31
26	20	<b>6041.126</b>	<b>351 626 330</b>	<b>217,30</b>	0,593	26	125	131	125	10	37	37
32	25	<b>6041.132</b>	<b>351 632 330</b>	<b>313,20</b>	0,983	32	137	158	125	10	42	42
40	32	<b>6041.140</b>	<b>351 640 330</b>	<b>419,80</b>	1,597	40	148	186	125	10	49	49



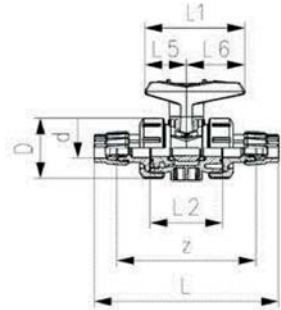
### JRG Sanipex MT Ball valve 546 PP-H

#### uitvoering:

- radiaal in- en uitbouwbaar
- geïntegreerde draadbussen (inserts) voor de bevestiging van de afsluiter
- kogelafdichting uit PTFE
- materiaal: PP-H

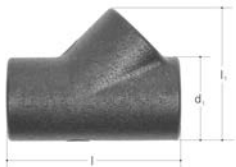
#### optioneel:

- stelaandrijvingen pneumatisch en elektrisch van Georg Fischer
- multifunctie-module met geïntegreerde eindschakelaars
- individuele configuratie van de afsluiter mogelijk



d	afm.	DN	PN	kv-waarde	Code	EUR	gewicht
(mm)	(inch)	(mm)	(bar)	( $\Delta p=1$ bar)			(kg)
				(L/min)			
16	3/8	10	10	70	<b>700 246 911</b>	<b>199,00</b>	0,115
20	1/2	15	10	185	<b>700 246 912</b>	<b>178,60</b>	0,115
25	3/4	20	10	350	<b>700 246 913</b>	<b>206,50</b>	0,178
32	1	25	10	700	<b>700 246 914</b>	<b>232,20</b>	0,253
40	1 1/4	32	10	1000	<b>700 246 915</b>	<b>351,50</b>	0,442
50	1 1/2	40	10	1600	<b>700 246 916</b>	<b>616,90</b>	0,607
63	2	50	10	3100	<b>700 246 917</b>	<b>815,90</b>	1,118

D	H	H1	H2	L	L1	L2	L4	L5	L6	M	z	Z
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)		(mm)	(mm)
50	57	27	12	146	77	56	25	32	45	M6	69	108
50	57	27	12	160	77	56	25	32	45	M6	67	112
58	67	30	12	191	97	65	25	39	58	M6	78	133
68	73	36	12	215	97	71	25	39	58	M6	85	141
84	90	44	15	257	128	85	45	54	74	M8	100	169
97	97	51	15	297	128	89	45	54	74	M8	106	197
124	116	64	15	363	152	101	45	66	87	M8	121	237



### JRG Sanipex MT Insulation box for systemvalves EPP

- Description: Fits to JRG Sanipex MT valves (5222, 5262), valves with union thread (1611, 5211, 5213, 5234, 5281, 5283, 5284) and sudoFIT valves (1615, 5225, 5265; eventually adjustments with cutter knife needed)
- Material: Expanded polypropylene (EPP)
- Temperature: max. 110°C
- Thermal conductivity: 0.035 W/mK according EN 12667
- Building material class: B2 according DIN 4102 and E according EN 13501-1

geschikt voor	JRG Code	gewicht (kg)	GF Code	EUR	d1 (mm)	I (mm)	L1 (mm)
16 + 20	<b>5222.516</b>	0,020	<b>351 616 670</b>	<b>17,30</b>	62	128	68
26	<b>5222.526</b>	0,035	<b>351 626 670</b>	<b>20,50</b>	68	156	78
32	<b>5222.532</b>	0,050	<b>351 632 670</b>	<b>31,80</b>	95	181	97
40	<b>5222.540</b>	0,065	<b>351 640 670</b>	<b>39,60</b>	122	220	118
50	<b>5222.550</b>	0,080	<b>351 650 670</b>	<b>50,60</b>	134	257	130
63	<b>5222.563</b>	0,100	<b>351 663 670</b>	<b>68,70</b>	164	339	235

# Sanipex MT Accessories

## Accessories



### JRG Sanipex MT Spindle extension aluminium

- Description: to 6041
- Material: aluminium

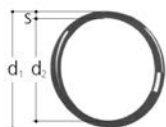
geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	h (mm)
d16 - 20 / DN10 - 15	6041.001	351 616 322	29,40	0,158	59
d26 - 40 / DN25 - 32	6041.002	351 626 322	43,30	0,268	63



### JRG Sanipex MT cone grip union plastic

- materiaal: kunststof

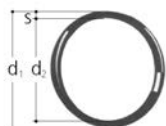
d (mm)	GF Code	EUR	gewicht (kg)	d1 (mm)	l (mm)
16	351 616 901	1,00	0,006	27	25,5
20	351 620 901	1,60	0,010	32	30,5
26	351 626 901	3,00	0,025	42	39,5
32	351 632 901	4,80	0,034	52	48,0
40	351 640 901	5,80	0,070	64	59,0
50	351 650 901	17,40	0,115	76	73,0
63	351 663 901	28,30	0,220	95	92,0



### JRG Sanipex MT O-Ring EPDM

- Description: to JRG Sanipex MT d16 - d40
- materiaal: EPDM

d (mm)	GF Code	EUR	gewicht (kg)	d1 (mm)	d2 (mm)	s (mm)
16	350 981 509	2,20	0,000	15	12	1,5
20	350 981 416	2,10	0,000	19	16	1,8
26	350 981 520	2,20	0,000	25	21	2,0
32	350 981 527	2,20	0,000	32	28	2,2
40	350 981 533	2,20	0,001	40	35	2,5



### JRG Sanipex MT O-Ring EPDM

- Description: to JRG Sanipex MT d20 - d40, 4730
- materiaal: EPDM

d (mm)	GF Code	EUR	d1 (mm)	d2 (mm)	s (mm)
32	350 981 528	2,60	33	29	2,0
40	350 981 535	3,00	41	37	2,4

# Sanipex MT Tools

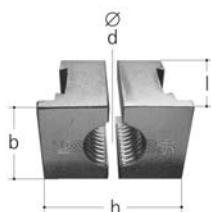
## Tools



### JRG Sanipex MT Fitters toolkit plastic d16 - d32

- materiaal: kunststof
- Consisting of: Expanding mandrel ML pipes: **4804.116** d16; **4804.120** d20, **4804.126** d26, **4804.132** d32 Expanding mandrel PEX pipes: **4804.216** d16, **4804.220** d20, **4804.225** d25 Clamping jaws ML / PEX pipes: **4805.016** d16, **4805.020** d20 Clamping jaws ML pipes: **4805.026** d26, **4805.032** d32 Clamping jaws PEX pipes: **4805.125** d25 /// **4805.000** Expanding pliers, **4806.016** Hand bending template d16, **4806.026** Hand bending template d20, **4806.026** Hand bending template d26, **4832.016** Ratchet torque wrench d16, **4832.020** Ratchet torque wrench d20, **4832.026** Ratchet torque wrench d26, **4832.032** Ratchet torque wrench d32, **4834.016** Counter key d16, **4834.020** Counter key d20, **4834.026** Counter key d26, **4834.032** Counter key d32, **4836.000** Pipe cutter d16-d40, **4837.000** Multi-purpose cutter d16+d20, **4838.000** Marking pen yellow

geschikt voor	JRG Code	GF Code	EUR gewicht (kg)	l (mm)	b (mm)	h (mm)
d16 - d32	<b>4802.000</b>	<b>351 600 098</b>	<b>3.576,80</b>	9,830	500	125 420



### JRG Sanipex MT Clamping jaw dovetail steel

- materiaal: staal
- Suitable for: expanding pliers
- Description: for JRG Sanipex d16/20, JRG Sanipex MT Pipes

d (mm)	JRG Code	GF Code	EUR gewicht (kg)	b (mm)	h (mm)	l (mm)
16	<b>4804.016</b>	<b>351 600 494</b>	<b>71,20</b>	0,195	30	45 35
20	<b>4804.020</b>	<b>351 600 495</b>	<b>71,20</b>	0,160	30	45 35
26	<b>4804.026</b>	<b>351 600 489</b>	<b>83,40</b>	0,160	30	45 35



### JRG Sanipex MT Expansion mandrel aluminium For ML pipe

- Material: aluminium, steel

d (mm)	JRG Code	GF Code	EUR gewicht (kg)	d1 (mm)	d2 (mm)	l (mm)
16	<b>4804.116</b>	<b>351 600 496</b>	<b>21,80</b>	0,030	10	23 35
20	<b>4804.120</b>	<b>351 600 497</b>	<b>21,80</b>	0,032	14	23 34
26	<b>4804.126</b>	<b>351 600 488</b>	<b>24,50</b>	0,036	18	23 32
32	<b>4804.132</b>	<b>351 600 547</b>	<b>33,40</b>	0,017	32	33 34



### JRG Sanipex MT Expansion mandrel aluminium For PE-X pipe

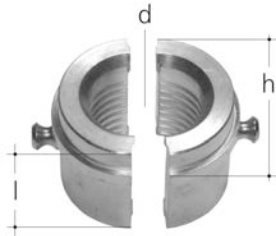
- Material: aluminium, steel

d (mm)	JRG Code	GF Code	EUR gewicht (kg)	d1 (mm)	d2 (mm)	l (mm)
16	<b>4804.216</b>	<b>351 600 498</b>	<b>21,80</b>	0,025	11	23 35
20	<b>4804.220</b>	<b>351 600 499</b>	<b>21,80</b>	0,027	14	23 33
25	<b>4804.225</b>	<b>351 600 546</b>	<b>33,40</b>	0,035	25	32 30



### JRG Sanipex MT Expansion plier aluminium

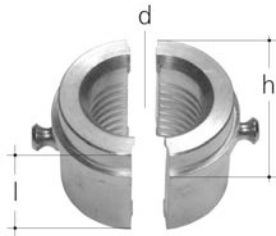
geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	b (mm)	l (mm)
16 - 32	<b>4805.000</b>	<b>351 600 507</b>	<b>733,30</b>	2,190	150	470



### JRG Sanipex MT Clamping jaw steel

- Description: to 4805
- materiaal: staal

	d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	h (mm)	l (mm)
PE-X & ML Pipes	16	<b>4805.016</b>	<b>351 600 560</b>	<b>93,20</b>	0,320	46	35
PE-X & ML Pipes	20	<b>4805.020</b>	<b>351 600 569</b>	<b>93,20</b>	0,290	46	35
PE-X & ML Pipes	26	<b>4805.026</b>	<b>351 600 573</b>	<b>120,00</b>	0,250	46	35
ML Pipes	32	<b>4805.032</b>	<b>351 600 575</b>	<b>120,00</b>	0,085	46	35



### JRG Sanipex MT Clamping jaw steel For PE-X pipe

- Description: to 4805
- materiaal: staal

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	h (mm)	l (mm)
25	<b>4805.125</b>	<b>351 600 571</b>	<b>120,00</b>	0,255	46	35



### JRG Sanipex MT Hand bending template aluminium

- Material: aluminium

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)
16	<b>4806.016</b>	<b>351 616 907</b>	<b>24,20</b>	0,200	217
20	<b>4806.020</b>	<b>351 620 907</b>	<b>30,90</b>	0,320	270
26	<b>4806.026</b>	<b>351 626 907</b>	<b>44,50</b>	0,775	415



### JRG Sanipex MT Fitters toolkit empty plastic d16 - d32

- Description: to 4802
- materiaal: kunststof

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)	h (mm)
d16 - d32	<b>4828.005</b>	<b>351 600 006</b>	<b>231,40</b>	2,200	500	125	420



### JRG Sanipex MT Bending toolkit plastic d16+d20

- materiaal: kunststof

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)	h (mm)
d16 + d20	4807.100	351 600 092	763,40	2,790	390	102	310



### JRG Sanipex MT Battery toolkit plastic d16 - d40

- materiaal: kunststof
- Consisting of: **4809.000** Battery tool MAPLSONOV, **4809.005** Makita charger, **4809.010** Makita battery, **4809.116** Expansion head d16, **4809.120** Expansion head d20, **4809.126** Expansion head d26, **4809.132** Expansion head d32, **4809.140** Expansion head d40, **4832.016** Ratchet torque wrench d16, **4832.020** Ratchet torque wrench d20, **4832.026** Ratchet torque wrench d26, **4832.032** Ratchet torque wrench d32, **4832.040** Ratchet torque wrench d40, **4834.016** Counter spanner d16, **4834.020** Counter spanner d20, **4834.026** Counter spanner d26, **4834.032** Counter spanner d32, **4834.040** Counter spanner d40, **4837.000** Multi-purpose cutter d16/d20, **4836.000** Pipe cutter d16-d40, **4838.000** Marking pen

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)	h (mm)
d16 - 40	4808.000	351 600 908	10.022,80	16,000	575	206	472



### JRG Sanipex MT Battery toolkit plastic d32 + d40

- materiaal: kunststof
- Consisting of: **4809.000** Battery tool MAPLSONOV, **4809.005** Makita charger, **4809.010** Makita battery, **4809.132** Expansion head d32, **4809.140** Expansion head d40, **4832.032** Ratchet torque wrench d32, **4832.040** Ratchet torque wrench d40, **4834.032** Counter spanner d32, **4834.040** Counter spanner d40, **4836.000** Pipe cutter d16-d40, **4838.000** Marking pen

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)	h (mm)
d32 - 40	4808.150	351 600 910	7.013,50	11,200	575	206	472



### JRG Sanipex MT Batterytool aluminium

- Material: aluminium, plastic

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)	h (mm)
d16 - 40	4809.000	351 600 809	2.835,50	3,080	320	75	150



### JRG Sanipex MT Battery toolkit empty plastic d16 - d40

- materiaal: kunststof

geschikt voor	JRG Code	GF Code	EUR gewicht	b	b1	l
			(kg)	(mm)	(mm)	(mm)
d16 - 40	4828.020	351 600 911	231,40	4,300	472	206 575



### JRG Sanipex MT Expansion head aluminium For ML pipe

- Material: aluminium, steel, plastic

d	JRG Code	GF Code	EUR gewicht	l	b	h
(mm)			(kg)	(mm)	(mm)	(mm)
16	4809.116	351 600 804	845,80	1,200	137	95 121
20	4809.120	351 600 805	845,80	1,200	137	95 121
26	4809.126	351 600 806	845,80	1,200	137	95 121
32	4809.132	351 600 807	845,80	1,200	137	95 121
40	4809.140	351 600 808	973,70	1,400	174	108 124



### JRG Sanipex MT Battery hydraulic tool plastic

- Description: to expanding- and bending tool d16 - 63 / 230 V, 650 Watt, 50 Hz
- Consisting of: Hydraulic unit, battery, charger, bag

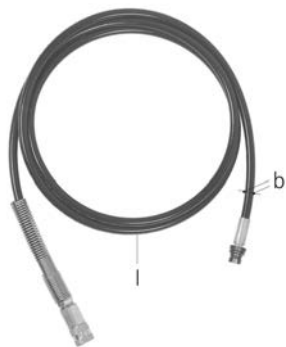
Plug	JRG Code	GF Code	EUR gewicht	l	b	h
			(kg)	(mm)	(mm)	(mm)
EU + CH	4812.000	351 600 912	6.381,20	9,700	290	186 236
USA + CAN	4812.050	351 600 914	6.259,80	9,700	290	186 236



### JRG Sanipex MT Hydraulic oil

- Description: Spare bottle 0.5l to 4810/4812

JRG Code	GF Code	EUR gewicht	l	b	h
		(kg)	(mm)	(mm)	(mm)
4839.000	351 600 072	40,60	1,100	230	110 60



### JRG Sanipex MT Hydraulic hose extension steel

- materiaal: metaal, kunststof

GN (inch)	JRG Code	EUR	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)
1/6	<b>4812.003</b>	o.a.	<b>351 600 076</b>	<b>344,10</b>	0,445	3000	10



### JRG Sanipex MT Hydraulic toolkit plastic d26 - d40

- materiaal: kunststof
- Consisting of: **4828.001** Fitter's toolkit, **4830.026** Expanding unit d26, **4832.032** Expanding unit d32, **4830.040** Expanding unit d40, **4832.026** Ratchet torque wrench d26, **4832.032** Ratchet torque wrench d32, **4832.040** Ratchet torque wrench d40, **4834.026** Counter key d26, **4834.032** Counter key d32, **4834.040** Counter key d40, **4836.000** Pipe cutter

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)	h (mm)
d26 - 40	<b>4815.100</b>	<b>351 600 094</b>	<b>2.129,40</b>	15,610	575	206	472



### JRG Sanipex MT Hydraulic toolkit plastic d32 - d40

- materiaal: kunststof
- Consisting of: **4828.001** Fitter's toolkit, **4832.032** Expanding unit d32, **4830.040** Expanding unit d40, **4832.032** Ratchet torque wrench d32, **4832.040** Ratchet torque wrench d40, **4834.032** Counter key d32, **4834.040** Counter key d40, **4836.000** Pipe cutter

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)	h (mm)
d32 - 40	<b>4815.150</b>	<b>351 600 086</b>	<b>1.586,90</b>	12,770	575	206	472



### JRG Sanipex MT Hydraulic toolkit plastic d50 + d63

- materiaal: kunststof
- Consisting of: **4831.000** Operating cylinder, **4831.050** Clamp unit d50, **4831.063** Clamp unit d63, **4831.350** Expanding mandrel d50, **4831.363** Expanding mandrel d63, **4832.050** Ratchet torque wrench d50, **4832.063** Ratchet torque wrench d63, **4834.050** Counter key d50, **4834.063** Counter key d63, **4836.100** Pipe cutter d50+63

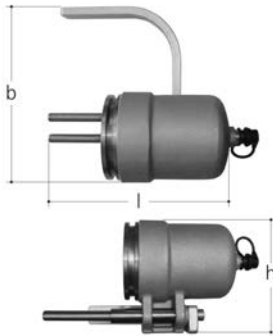
geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)	h (mm)
d50 + d63	<b>4820.100</b>	<b>351 600 007</b>	<b>1.693,90</b>	14,550	575	206	472



### JRG Sanipex MT Expansion unit aluminium For ML pipe

- Description: to 4812
- Material: aluminium, steel, plastic

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	b (mm)	l (mm)
26	4830.026	351 626 008	394,00	2,250	99	196
32	4830.032	351 632 008	415,60	2,550	99	201
40	4830.040	351 640 008	452,00	3,650	107	222



### JRG Sanipex MT Operating cylinder aluminium For ML pipe

- Description: to 4831.050 / .063
- Material: aluminium, steel

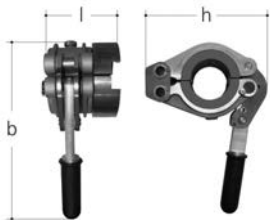
geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	b (mm)	h (mm)	l (mm)
d50 - 63	4831.000	351 600 628	496,80	2,370	201	130	244



### JRG Sanipex MT Expansion mandrel aluminium For ML pipe

- Description: to 4831.000
- Material: aluminium

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	d1 (mm)	d2 (mm)	l (mm)	l1 (mm)
50	4831.350	351 650 108	39,80	0,100	40	52	40	11
63	4831.363	351 663 108	43,30	0,200	52	65	37	11



### JRG Sanipex MT Clamp unit aluminium For ML pipe

- Description: to 4831.000
- Material: aluminium, steel

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	b (mm)	h (mm)	l (mm)
50	4831.050	351 650 131	148,60	2,930	243	160	87
63	4831.063	351 663 131	186,40	2,200	243	160	87



### JRG Sanipex MT Ratchet torque wrench aluminium d16-d40

- Material: aluminium, steel

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	b (mm)	l (mm)
16	4832.016	351 616 220	143,30	0,135	34	157
20	4832.020	351 620 220	144,20	0,100	41	174
26	4832.026	351 626 009	148,20	0,350	51	224
32	4832.032	351 632 009	166,10	0,450	61	271
40	4832.040	351 640 009	168,50	0,660	76	326



### JRG Sanipex MT Ratchet torque wrench aluminium d50 + d63

- Material: aluminium, steel

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	b (mm)	l (mm)
50	4832.050	351 650 009	188,80	0,500	102	379
63	4832.063	351 663 009	200,90	0,850	130	442



### JRG Sanipex MT Counter key steel d16 - d40

- materiaal: staal

d (mm)	JRG Code	GF Code	EUR	gewicht (kg)	b (mm)	l (mm)
16	4834.016	351 616 010	6,20	0,050	27	157
20	4834.020	351 620 010	7,10	0,100	33	174
26	4834.026	351 626 010	11,60	0,200	42	224
32	4834.032	351 632 010	16,30	0,300	52	271
40	4834.040	351 640 010	26,20	0,550	65	326
50	4834.050	351 650 210	31,10	0,300	102	405
63	4834.063	351 663 210	34,40	0,500	127	453



### JRG Sanipex MT Pipe cutter aluminium d16 - d40

- Material: aluminium
- Consisting of: cutting wheel (355578110)

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)
d16 - 40	4836.000	351 600 310	152,30	0,640	251



### JRG Sanipex MT Pipe cutter aluminium d50 - d63

- Material: aluminium, steel
- Consisting of: cutting wheel (351650851)

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)
d50 - 63	4836.050	351 650 852	206,20	0,950	240



### JRG Sanipex MT Multi purpose cutter steel d12 - d26

- materiaal: metaal, kunststof

omschrijving	geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	b (mm)	l (mm)
	d12 - 26	4837.025	355 632 420	178,60	0,310	196	73
Spare blades		4837.005	355 632 421	40,60	0,012		



### Marking pen wood

- Material: wood
  - Colour: yellow
- voor iFIT, INSTAFLEX, JRG Sanipex, JRG Sanipex MT

JRG Code	GF Code	EUR	gewicht (kg)
4838.000	351 600 027	11,10	0,008



### JRG Sanipex MT Hydraulic toolkit empty plastic d16 - d40

- Description: to 4815
- materiaal: kunststof

geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	b (mm)	b1 (mm)	l (mm)
d16 - 40	4828.001	351 600 002	117,70	4,100	423	170	574



### JRG Sanipex MT Bending toolkit plastic d26 - d40

- Material: plastic, chromed
- Consisting of: 4853.000 hydraulic cylinder, 4854.000 baseplate, 4855.026/.032/.040 bending templates, bending rolls d26-40, 4838.000 marking pen yellow, plug-in bending scale, adapter nipple for bending templates

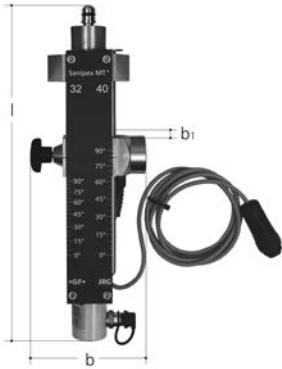
geschikt voor	JRG Code	GF Code	EUR	gewicht (kg)	l (mm)	b (mm)	h (mm)
d26 - 40	4851.050	351 600 004	6.240,80	15,880	665	250	562



### JRG Sanipex MT Bending toolkit plastic d50 + d63

- Material: plastic, chromed
- Consisting of: 4854.050 bending templates d50, 4854.063 bending templates d63, bending rolls d50+63

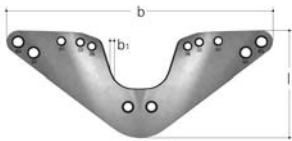
geschikt voor	JRG Code	GF Code	EUR gewicht (kg)	l (mm)	b (mm)	h (mm)
d50 + d63	<b>4851.100</b>	<b>352 920 372</b>	<b>2.191,90</b>	7,800	665	250 562



### JRG Sanipex MT Hydraulic bending cylinder aluminium

- Material: aluminium
- With scale to adjust bending angle
- Suitable to: 4854.000 base plate, 4855 bending templates d26 - d63

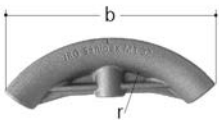
geschikt voor	JRG Code	GF Code	EUR gewicht (kg)	b (mm)	b1 (mm)	l (mm)
d26 - 63	<b>4853.000</b>	<b>352 920 811</b>	<b>2.737,80</b>	4,130	130	100 360



### JRG Sanipex MT Bending base plate aluminium

- Material: aluminium

geschikt voor	JRG Code	GF Code	EUR gewicht (kg)	b (mm)	b1 (mm)	l (mm)
d26 - 63	<b>4854.000</b>	<b>352 920 911</b>	<b>1.126,40</b>	5,000	628	30 273



### JRG Sanipex MT Bending template aluminium

- Material: aluminium
- Suitable to: 4810 hydraulic unit, 4852 / 4853 bending tools

d (mm)	JRG Code	GF Code	EUR gewicht (kg)	b (mm)	r (mm)
26	<b>4855.026</b>	<b>351 626 911</b>	<b>41,90</b>	0,165	146 78
32	<b>4855.032</b>	<b>351 632 911</b>	<b>44,40</b>	0,260	180 96
40	<b>4855.040</b>	<b>351 640 911</b>	<b>45,60</b>	0,400	225 120

## Verkoopvoorwaarden

Deze algemene verkoopvoorwaarden zijn van toepassing op alle door Georg Fischer N.V. geleverde producten en verrichte diensten. Hieronder vindt u, in het Engels, alle geldende verkoopwaarden die geldig zijn bij uw aankopen.

## General Terms and Conditions of Sale – GF Piping Systems - English

### 1. General

1.1. These general terms and conditions of sale (hereinafter referred to as "**General Terms and Conditions**") shall apply to all products supplied and services performed by Georg Fischer N.V. (hereinafter referred to as "**GF**") towards the Purchaser (hereinafter referred to as "**Products**"). They shall also apply to all future business even when no express reference is made to these General Terms and Conditions.

1.2. Any legal transactions (one-, two-, as well as multi-sided legal transactions, e.g. conclusion, disputing, contesting etc.) on the part of GF and Purchaser must be in writing in order to be valid.

Provisions deviating or supplementing these General Terms and Conditions, especially Purchaser's general terms and conditions of purchase and verbal agreements shall only be applicable if accepted in writing by GF or if they favor GF.

The written form shall be deemed complied with all forms of transmission, evidenced in the form of text, e-mail, etc. Excluded thereof shall be the transmission by fax.

1.3. Offers shall only be binding if they contain a specifically stated period for acceptance.

### 2. Scope of supplies

2.1. GF's product range is subject to change without prior notice.

2.2. The order confirmation shall govern the scope and execution of the contract.

2.3. GF shall be entitled to hire subcontractors.

### 3. Local Laws and Regulations, Export Controls

3.1. The Purchaser shall bring to the attention of GF all local laws and regulations at the place of destination which bear connection with the execution of the contract and the adherence to relevant safety regulations and approval procedures.

3.2. Unless otherwise agreed in accordance with Clause 3.1, the supplies shall comply with the regulations and standards at GF's registered office.

3.3. In case of re-exports, the Purchaser shall be responsible for compliance with pertinent export control regulations.

## 4. Price

4.1. Unless agreed otherwise, the prices shall be deemed to be in EUR, net, EXW (Incoterms 2020 of the ICC, or latest version) at the production site of GF, including standard packing.

4.2. If contrary to EXW (Incoterms 2020 of the ICC, or latest version), at the production site of GF, costs of any kind, in particular all supplementary costs, such as the cost of carriage, freight, insurance, export, transit and import licenses etc. as well as all types of taxes, fees, duties, etc. connected with the contract., shall be borne by GF, GF reserves the right to adjust the prices accordingly in the event of a change in costs.

4.3. If the Products are provided with additional packaging over and above the standard packaging, such packaging shall be charged additionally.

## 5. Terms of Payment

5.1. The Purchaser shall make payments at the place of GF within thirty (30) days of receipt of invoice without any deductions, such as discounts, costs, taxes or dues.

5.2. The Purchaser shall only have a right of set-off against counterclaims that are either undisputed by GF or legally established to the Purchaser by a court of competent jurisdiction.

The Purchaser shall have no right to withhold payments due if unessential parts of the delivery are still pending provided that the use of the delivery is not rendered unusable as a result.

5.3. If the advance payment or the contractually agreed securities have not been made on time, GF shall be entitled to adhere to or to rescind the contract and shall in both cases be entitled to claim damages.

5.4. If the Purchaser, for any reason, is in delay with a payment, or if GF is seriously concerned that GF will not receive payments in total or in due time because of circumstances having taken place since entering into the contract, GF, without being limited in its rights provided for by law, shall be entitled to refuse the further performance of the contract and to retain the Products ready for dispatch until new terms of payment and delivery will have been agreed and until GF will have received satisfactory securities. If such an agreement cannot be reached within a reasonable time, or if GF does not receive adequate securities, GF shall be entitled to rescind the contract and to claim damages.

5.5. If the Purchaser does not adhere to the agreed terms of payment, the Purchaser shall be liable without reminder, for default interest to the amount of eight (8) percent of the contract price with effect from the agreed date on which the payment was due. The right to claim further damages is reserved.

## 6. Reservation of Title

6.1. As far as acknowledged by the jurisdiction in the respective country of destination of the goods, the further provisions of this Clause 6 shall apply. In any case, they shall be considered separable from each other in terms of content and linguistics and shall apply to themselves.

### 6.2. Simple reservation

**GF retains title to all goods delivered by GF until full payment of the respective claims of GF.**

6.3. Processing or transformation of the goods supplied by GF by the Purchaser is always carried out for GF. If the goods supplied are processed or inseparably combined or mixed with objects not belonging to GF, co-ownership of the new object shall be acquired in proportion to the value of the goods supplied by GF to the other processed objects at the time of processing or in proportion to the value of the goods supplied by GF to the other combined or mixed objects at the time of combination or mixing. If the goods are combined or mixed by the Purchaser with other objects to form a single object and if the other object is to be regarded as the main object, the Purchaser is obliged to transfer co-ownership to GF on a pro rata basis insofar as the main object belongs to the Purchaser. The Purchaser shall detain the sole ownership or co-ownership on behalf of GF.

6.4. During the period of reservation of title, the Purchaser shall at his own cost maintain the supplies and insure them for the benefit of GF against theft, breakdown, fire, water and other risks. The Purchaser shall further take all measures to ensure that GF's title is in no way compromised or rescinded.

### 6.5. Extended reservation of title

6.5.a. Should the Purchaser resell Products to which title is reserved, in the ordinary course of business, the Purchaser shall hereby be deemed to have tacitly assigned to GF the proceeds deriving from their sale together with all collateral rights, securities and reservations of title until all claims held by GF have been settled.

6.5.b. The Purchaser is authorized to collect the assigned receivables, as long as the Purchaser fulfills his payment obligation towards GF in accordance with the contract.

### 6.6. Overall reservation of title

6.6.a. The requirements to be met from Clause 6.2 extends to all current and future demands of GF towards the Purchaser.

6.6.b. The assignment is only valid insofar as the value of the Products subject to retention of title together with the granted securities exceeds GF's claims against the Purchaser by more than 20%.

## 7. Terms of Delivery

7.1. Unless otherwise agreed (see Clause 4), the Products shall be delivered EXW (Incoterms 2020 of the ICC, or latest version) production site of GF.

7.2. The term of delivery shall commence as soon as the contract has been entered into, all official formalities, such as import and payment permits have been obtained and all essential technical issues have been settled.

The term of delivery and the delivery dates shall be deemed duly observed when, upon its expiry or on the day of the delivery date, the Products are ready for dispatch.

7.3. Part shipments to a reasonable extent shall be allowed and GF shall be entitled to invoice for such partial deliveries.

7.4. **Delivery is subject to the following conditions, i.e. the delivery time shall be reasonably extended, respectively the delivery date postponed,**

7.4.a. if the information of the Customer required by GF for the performance of the contract is not received in time, or if the Customer subsequently changes it, thereby causing a delay in the delivery of the supplies;

7.4.b. if GF is prevented from performing the contract by force majeure. In particular, force majeure shall be deemed to be any unforeseeable event beyond GF's control which renders GF's performance commercially unreasonable or impossible, such as delayed or defective supplies from subcontractors, labor disputes, governmental orders or regulations, shortages in materials or energy, serious disturbances in GF's works, such as the total or partial destruction of plant and equipment or the breakdown of essential facilities, serious disruptions in transport facilities, e.g. impassable roads.

Should the effect of force majeure exceed a period of six (6) months, either party may terminate the contract effective forthwith.

In no event, GF shall be liable for any damage or loss of any kind whatsoever arising out of or caused by such an event of force majeure.

7.4.c. if the Purchaser is in delay with the fulfillment of his obligations under the contract, in particular, if the Purchaser does not adhere to the agreed conditions of payment or if he has failed to timely provide the agreed securities.

7.5. If for reasons attributable to GF the agreed term of delivery or a reasonable extension thereof is exceeded, GF shall not be deemed in default until the Purchaser has granted to GF in writing a reasonable extension thereof of not less than two (2) weeks which is equally not met.

The Purchaser shall then be entitled to the remedies provided at law, it being however understood that, subject to limitations of Clause 10, damage claims shall be limited to max. ten (10) percent of the price of the delayed delivery.

7.6. If the Purchaser fails to take delivery within a reasonable time of Products notified as ready for dispatch, GF shall be entitled to store the Products at the Purchaser's expense and risk and to invoice them as delivered. If the Purchaser fails to effect payment pursuant to the terms of payment, GF shall be entitled to dispose of the Products. GF undertakes to inform the Purchaser of the consequences of his actions or omission.

7.7. In the event of damage or loss of the Products during carriage, the Purchaser shall mark the delivery documents accordingly and immediately have the damage ascertained by the carrier. Not readily ascertainable damages sustained during carriage shall be notified by the Purchaser to the carrier within six (6) days after receipt of the Products.

7.8. If, contrary to the agreed terms of delivery, GF or the Purchaser take on tasks (e.g. transport, loading or unloading of the deliverables, insurance, etc.) which are not their responsibility but the contracting parties, these tasks shall be deemed to have been performed on behalf of and for the account of the respectively contracting party responsible. In this sense, the person executing the order acts as a vicarious agent for the responsible contracting party.

7.9. Should the Purchaser cancel an order without justification and should GF not insist on the performance of the contract, GF shall be entitled to a contractual penalty amounting to ten (10) percent of the contract price, without prejudice GF's right to claim compensation.

Parties hereby exclude the applicability of article 6:92 of the Dutch Civil Code with regard to the contractual penalty included in this clause.

## **8. Inspection, Notification of Defect and Damages**

8.1. The Products will be subject to normal inspection by GF during manufacture. Additional tests required by the Purchaser shall be agreed upon in writing and shall be charged to the Purchaser.

8.2. It shall be a condition of GF's obligation under the warranties stated hereinafter that GF is notified in writing by the Purchaser of any purported defect immediately upon discovery. Notice concerning weight, numbers or apparent defects is to be given within thirty (30) days from receipt of the Products, notice of other defects immediately latest within seven (7) working days after discovery, in any event within the warranty period.

8.3. The Purchaser shall not dispose of allegedly defective Products until all warranty and/or damage claims are finally settled. At its request, defective Products are to be placed at GF's disposal.

8.4. At its request, GF shall be given the opportunity to inspect the defect and/or damage, prior to commencement of remedial work, either by itself or by a third party.

## **9. Warranty, liability for defects**

### **9.1. Warranty**

9.1.a. The warranty is, unless otherwise explicitly agreed, not transferable and limited to the country in which the representative of GF is located with whom the contract was concluded. Warranty claims must be made in the country in which the product in question was purchased.

9.1.b. The warranty or damage claims become time-barred twelve (12) month from receipt of the Products by the end user but at the latest within eighteen (18) months of the Products being dispatched by GF.

9.1.c. For spare or repaired parts, the warranty period is limited to the initial warranty period of the replaced or repaired part.

9.1.d. For Products manufactured to specifications, drawings or patterns supplied by the Purchaser, GF's warranty shall be restricted to proper materials and workmanship.

9.1.e. This warranty shall not apply to damage resulting from normal wear and tear, improper storage and maintenance, failure to observe the operating instructions, overstressing or overloading, unsuitable operating media, unsuitable construction work or unsuitable building ground, improper repairs or modifications / alterations by the Purchaser or third parties, the use of other than original spare parts and other reasons beyond GF's control.

9.1.f. Claims for deficiency of title becomes time-barred twelve (12) month from receipt of the Products by end user.

### **9.2. Liability for defects**

9.2.a. At the written request of the Purchaser, GF undertakes to repair or replace at its discretion, as quickly as possible and free of charge, all Products supplied which demonstrably suffer from faulty design, materials or workmanship, from faulty operating or installation instructions or which became defective or unusable due to faulty advice.

9.2.b. Replaced parts shall be handed over to GF and become property of GF, unless GF waives this right.

9.2.c. In order to protect employees from toxic or radioactive substances which may have been transported in the Products concerned, defective parts returned to GF or its sales organizations, must be accompanied by a Material Safety disclosure Form. The form may be obtained from GF's local sales company.

9.2.d. The Purchaser shall be entitled to rescind the contract or to demand a reduction of the contract price if

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9.2.e. the repair or replacement of the defective Product is impossible,

9.2.f. the defective Product is not repaired or replaced within a reasonable period, or

9.2.g. if GF refuses the repair or replacement of the defective Product or if for reasons attributable to GF the repair or replacement is delayed.

9.2.h. In case of Products for use in domestic installations or in utilities

9.2.i. GF will assume, in deviation to Clause 10.3, the dismantling and installation costs for the restoration of the original condition of the defective Product up to a maximum amount of EUR 1'000'000 per occurrence.

9.2.j. warranty and damage claims - contrary to Clause 9.1.b — shall become time-barred five (5) years from the date of installation or seven (7) years from the production date, whichever is earlier.

## 10. Limitation of Liability

10.1. The rights and remedies of the Purchaser shall be exclusively governed by these General Terms and Conditions. All further claims such as damages, reduction of the purchase price, termination or rescission of the contract are excluded.

10.2. In no case, whatsoever, shall the Purchaser be entitled to claim damages other than compensation for costs of remedying defects in the supplies. This in particular refers, but shall not be limited, to loss of production, loss of use, loss of orders, loss of profit, third party recovery claims and other direct or indirect or consequential damages.

10.3. Save where it concerns willful intent, gross negligence or product liability, in the event that claims of the Purchaser in relation to or in connection with the contract or the breach thereof should exist, the total amount of such claims is restricted to the purchase price of respective delivery.

10.4. This limitation of liability equally applies to the extent GF is liable for acts or omissions of auxiliary persons such as its employees or third parties engaged for the performance of its obligations. It does not apply in case of unlawful intent or gross negligence on the part of GF and in case of GF's mandatory statutory liability, in particular under applicable product liability laws.

## 11. Data and Documents

11.1. Technical documents, such as drawings, descriptions, illustrations and data on dimensions, performance and weight as well as the reference to standards are for information purposes only. They are not warranted characteristics and are subject to change.

11.2. All technical documents shall remain the exclusive property of GF and may only be used for the purposes agreed between the parties or as GF may consent.

## **12. Confidentiality, Protection of Personal Data**

12.1. Each party shall keep in strict confidence all commercial or technical information relating to the business of the other party, of which it has gained knowledge in the course of its dealing with the other party. Such information shall neither be disclosed to third parties nor used for other purposes than the agreed.

12.2. Personal data will only be processed by GF in accordance with the relevant laws and exclusively based on a separate contract submitted by GF.

## **13. Severability**

Should any term or clause of these General Terms and Conditions in whole or in part be found to be unenforceable or void, all other provisions shall remain in full force and effect. The unenforceable or void provision shall be replaced by a valid provision, which comes closest to the original intention of the unenforceable or invalid provision.

## **14. Place of Performance, Applicable Law and Jurisdiction**

14.1. Place of performance shall be the GF works from which the Products are dispatched.

14.2. The contract shall be governed by Dutch law to the exclusion of any conflict of law provisions and the United Nations Convention on Contracts for the International Sale of Goods (CISG) provisions.

14.3. Exclusive place of jurisdiction for any dispute, controversy or claim arising out of or in relation to this contract, including the validity, invalidity, breach or termination thereof, shall be the ordinary courts in Amsterdam, Netherlands. However, GF reserves the right to file actions in any court having jurisdiction.

**01/2021**

## Contactinformatie

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**Prijslijst JRG Sanipex MT (01.26)**

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