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**PB electrofusion and  
socket fusion fittings**

**Number** : K25547/01  
**Issued** : 2004-12-01  
**Replaces** : --

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 CH-8226 Schleithelm  
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 Telephone +41 (0)52 6802001  
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**STATEMENT BY KIWA**

This product certificate is issued by Kiwa on the basis of BRL 5605, "Plastics piping systems of PB intended for heating systems: radiator connections", in accordance with the Kiwa Regulations for Product Certification: 2004.

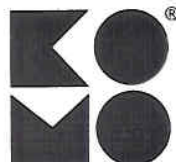
Kiwa declares that legitimate confidence exists that the by the producer manufactured products comply with the technical specifications as laid down in this product certificate, provided that these products are marked with the KOMO<sup>®</sup>-mark reproduced below in the manner indicated in this technical approval-with-product certificate.

For the relation of the contents of this product certificate with the regulations of the 'Bouwbesluit', reference is made to the 'List of quality declarations for the building industry', which is published by the 'Stichting Bouwkwiteit' (SBK) in Rijswijk.

ing. B. Meekma,  
 director Certification and Inspection, Kiwa N.V.

In order to ensure that this document is still valid, it is advised to consult [www.kiwa.nl](http://www.kiwa.nl).

Reproduction of the KOMO<sup>®</sup>-mark.



<sup>®</sup> is a collective mark of Stichting Bouwkwiteit (SBK)

This technical approval-with-product certificate exists of 5 pages. \* This is a translation.

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Only the Dutch text shall be legally binding.

## PRODUCT SPECIFICATION

Technical specification of the product.

### General

Plastics fittings destined for piping systems of PB intended for heating systems: radiator connections according to BRL 5605. The fittings are also suitable for flexible piping systems with plastics inner pipe for heated water distribution according to BRL 5609.

### Detailed specification

The fittings (with diameters) mentioned in the table below belong to this product certificate.

Type	Outside diameter of the connecting pipe in mm.	Code	Type	Outside diameter of the connecting pipe in mm.	Code
Elbow 90° (socket fusion)	16	761.066.600	socket (socket fusion)	16	761.066.660
	20	761.066.601		20	761.066.661
	25	761.066.602		25	761.066.662
	32	761.066.603		32	761.066.663
	40	761.066.604		40	761.066.664
	50	761.066.605		50	761.066.665
	63	761.066.606		63	761.066.666
	75	761.066.607		75	761.066.667
	90	761.066.608		90	761.066.668
	110	761.066.609		110	761.066.669
Elbow 90° socket-spigot end (socket fusion)	16	761.066.900	reduction (socket fusion)	20-16	761.066.670
	20	761.066.901		25-16	761.066.671
	25	761.066.902		25-20	761.066.672
	32	761.066.903		32-20	761.066.674
	40	761.066.904		32-25	761.066.675
	50	761.066.905		40-20	761.066.677
	63	761.066.906		40-25	761.066.678
				40-32	761.066.679
Elbow 45° (socket fusion)	16	761.066.610		50-20	761.066.681
	20	761.066.611		50-25	761.066.682
	25	761.066.612		50-32	761.066.683
	32	761.066.613		50-40	761.066.684
	40	761.066.614		63-20	761.066.686
	50	761.066.615		63-25	761.066.687
	63	761.066.616		63-32	761.066.688
	75	761.066.617		63-40	761.066.689
	90	761.066.618		63-50	761.066.690
	110	761.066.619		75-63	761.066.742
Elbow 45° socket-spigot end (socket fusion)	16	761.066.907		90-63	761.066.746
	20	761.066.908		90-75	761.066.745
	25	761.066.909		110-63	761.066.747
	32	761.066.910		110-75	761.066.749
	40	761.066.911		110-90	761.066.748
	50	761.066.912			
	63	761.066.913			

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T 90° straight (socket fusion)	16	761.066.620	Stopper (socket fusion)	16	761.066.650	
	20	761.066.621		20	761.066.651	
	25	761.066.622		25	761.066.652	
	32	761.066.623		32	761.066.653	
	40	761.066.624		40	761.066.654	
	50	761.066.625		50	761.066.655	
	63	761.066.626		63	761.066.656	
	75	761.066.627				
	90	761.066.628		Flange piece flat (socket fusion)	16	761.066.630
	110	761.066.629			20	761.066.631
T 90° reduction (socket fusion)	20-16-20	761.066.914		25	761.066.632	
	20-16-16	761.066.915		32	761.066.633	
	20-20-16	761.066.916		40	761.066.634	
	25-16-25	761.066.917		50	761.066.635	
	25-20-25	761.066.918		63	761.066.636	
	25-20-20	761.066.919		75	761.066.637	
	25-25-20	761.066.920		90	761.066.638	
	32-16-32	761.066.921		110	761.066.639	
	32-20-32	761.066.922	Flange piece incised (socket fusion)	16	761.066.640	
	32-25-32	761.066.923		20	761.066.641	
	40-16-40	761.066.295		25	761.066.642	
	40-25-40	761.066.924		32	761.066.643	
	50-16-50	761.066.309		40	761.066.644	
	50-25-50	761.066.925		50	761.066.645	
	63-16-63	761.066.310		63	761.066.646	
	63-25-63	761.066.926		75	761.066.647	
				90	761.066.648	
				110	761.066.649	

Type	Outside diameter of the connecting pipe in mm.	Code	Type	Outside diameter of the connecting pipe in mm.	Code	
Socket (electrofusion)	16	761.069.200	Elbow 45° socket-spigot end (electrofusion)	16	761.069.447	
	20	761.069.201		20	761.069.448	
	25	761.069.202		25	761.069.449	
	32	761.069.203		32	761.069.450	
	40	761.069.204		40	761.069.451	
	50	761.069.205		50	761.069.452	
	63	761.069.206		63	761.069.453	
	75	761.069.265				
	90	761.069.266		T 90° reduction (electrofusion)	20-16-16	761.069.249
	110	761.069.267			20-16-20	761.069.250
		25-16-25	761.069.251			
		25-20-20	761.069.256			
		25-20-25	761.069.252			
		25-25-20	761.069.257			
		32-20-32	761.069.253			
		32-25-25	761.069.258			
		32-25-32	761.069.254			
		40-20-40	761.069.259			
Connection (electrofusion)	16	761.069.207	40-25-40	761.069.255		
	20	761.069.208	40-32-40	761.069.260		
	25	761.069.209	50-25-50	761.069.261		
	32	761.069.210	50-32-50	761.069.262		
	40	761.069.211	63-25-63	761.069.263		
	50	761.069.212	63-40-63	761.069.264		
	63	761.069.213				



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Elbow 90°	16	761.069.214	T 90° straight	16	761.069.237
(electrofusion)	20	761.069.215	(electrofusion)	20	761.069.238
	25	761.069.216		25	761.069.239
	32	761.069.217		32	761.069.240
	40	761.069.218		40	761.069.241
	50	761.069.219		50	761.069.242
	63	761.069.220		63	761.069.243
	75	761.069.221		75	761.069.244
	90	761.069.222		90	761.069.245
	110	761.069.223		110	761.069.246
Reduction	20-16	761.069.277	Elbow 45°	16	761.069.227
(electrofusion)	25-16	761.069.278	(electrofusion)	20	761.069.228
	25-20	761.069.279		25	761.069.229
	32-16	761.069.457		32	761.069.230
	32-20	761.069.280		40	761.069.231
	32-25	761.069.281		50	761.069.232
	40-20	761.069.458		63	761.069.233
	40-25	761.069.459		75	761.069.234
	40-32	761.069.282		90	761.069.235
	50-20	761.069.460		110	761.069.236
	50-25	761.069.461			
	50-32	761.069.462	HWS 3-dlg coupler	16-½	761.069.475
	50-40	761.069.283	with outer thread	20-½	761.069.476
	63-20	761.069.463	(electrofusion)	25-¾	761.069.477
	63-25	761.069.464		32-1	761.069.478
	63-32	761.069.284		40-1¼	761.069.479
	63-40	761.069.465		50-1½	761.069.480
	63-50	761.069.285		63-2	761.069.481
	75-63	761.069.286			
	90-63	761.069.287	HWS 3-dlg coupler	16-½	761.069.482
	90-75	761.069.288	with inner thread	20-½	761.069.483
	110-63	761.069.289	(electrofusion)	25-¾	761.069.484
	110-75	761.069.290		32-1	761.069.485
	110-90	761.069.291		40-1¼	761.069.486
				50-1½	761.069.487
				63-2	761.069.488
Elbow 90°	16	761.069.434			
socket-spigot end	20	761.069.435			
(electrofusion)	25	761.069.436	Flange piece incised	32	761.069.309
	32	761.069.437		40	761.069.310
	40	761.069.438		50	761.069.311
	50	761.069.439		63	761.069.312
	63	761.069.440		75	761.069.313
				90	761.069.314
				110	761.069.315
Stopper	16	761.069.270			
(electrofusion)	20	761.069.271	Flange piece flat	32	761.069.323
	25	761.069.272		40	761.069.324
	32	761.069.273		50	761.069.325
	40	761.069.274		63	761.069.326
	50	761.069.275		75	761.069.327
	63	761.069.276		90	761.069.328
				110	761.069.329

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Colour of the fittings: grey

## Other details

The fittings are also suitable to be applied in flexible piping systems with plastics inner pipe for heated water distribution according to BRL 5609.

## Marking

The products are marked with the KOMO<sup>®</sup>-mark.

The fittings are provided with the following marks:

- KOMO<sup>®</sup> (or KO);
- manufacturer's name, trade name or logo\*);
- outside diameter of the connecting pipe in mm;
- system name\*.

The realization of the marks is as follows: clear and indelible on each fitting\*.

\*) If desired, the system name may be provided on the packaging. In case the system name is mentioned on the fittings in full, the trade name may be indicated as a code or vignette.

## Logistics

Production and assembly are laid down in the annex(es) of the product certification agreement.

## RECOMMENDATIONS FOR THE USERS

1. The products are intended to be applied as part of a PB piping system for the transport of heated water in heating systems: radiator connections. The products are also suitable to be applied in flexible piping systems with plastics inner pipe for heated water distribution. Hereby the following application conditions must be taken into account:  
the installation instructions of the producer.
2. Check at the time of delivery whether:
  - 2.1 the products are in accordance with the agreement;
  - 2.2 the mark and marking method are correct;
  - 2.3 the products show no visible defects as a result of e.g. transport etc.
3. If you should reject a product on the basis of the above, please contact:
  - 3.1 Thermaflex Isolatie B.V.and, if necessary:
  - 3.2 Kiwa N.V.