



# Kitemark™ Certificate

This is to certify that:

Peak Pipe Systems Limited  
Smeckley Wood Close  
Chesterfield Trading Estate  
Chesterfield  
S41 9PZ  
United Kingdom

Holds Certificate Number:

KM 718870

In respect of:

**GIS/PL2-6**

**Specification for polyethylene pipes and fittings for natural gas and suitable manufactured gas Part 6: Spigot end fittings for electrofusion and/or butt fusion purposes**

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:



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Chris Lewis - Certification Director, Product Certification

First Issued: 2020-03-10  
Latest Issue: 2020-03-10

Effective Date: 2020-03-10  
Expiry Date: 2023-03-09



# Kitemark™ Certificate

No. KM 718870

## GIS/PL2-6:2018 Polyethylene pipes and fittings for natural gas and suitable manufactured gas Part 6: Spigot end fittings for electrofusion and/or butt fusion purposes

This Kitemark certificate covers the following ranges of Class B PE80 factory fabricated spigot end fittings:

### Flange adapters (electrofusion only)

Model	Outside diameter	Pipe pup length	SDR	MOP	PE material	
					Pipe pup	Flange
PKFAB0964A	63mm	134mm	SDR11	5.5 bar	PE80: Borealis BorSafe ME 3441	PE100 Black: INEOS ELTEX TUB 121 N 6000
PKFAB0964B	90mm	134mm	SDR17.6	3.0 bar	PE80 Co-extruded: Black inner - Borealis BorSafe ME 3440 Yellow outer - Borealis BorSafe ME 3441	
PKFAB0964C	125mm	153mm	SDR17.6	3.0 bar		
PKFAB0964D	180mm	174mm	SDR17.6	3.0 bar		

### Flange adapters with backing ring and gasket (with 500mm pipe pup)

Model	Outside diameter	SDR	MOP	PE material	
				Pipe pup	Flange
GISSFY63NRP	63mm	SDR11	5.5 bar	PE80: Borealis BorSafe ME 3441	PE100 Black: INEOS ELTEX TUB 121 N 6000
GISSFY90VRP	90mm	SDR17.6	3.0 bar	PE80 Co-extruded Black inner - Borealis BorSafe ME 3440 Yellow outer - Borealis BorSafe ME 3441	
GISSFY125VRP	125mm	SDR17.6	3.0 bar		
GISSFY180VRP	180mm	SDR17.6	3.0 bar		
GISSFY250VRP	250mm	SDR17.6	3.0 bar		
GISSFY315VRP	315mm	SDR17.6	3.0 bar		
GISSFY250XRP	250mm	SDR21	2.0 bar	Borealis BorSafe ME 3441	
GISSFY315XRP	315mm	SDR21	2.0 bar		

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Page: 2 of 4

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## Equal tees (all outlets with 500mm pipe pups)

Model	Outside diameter	SDR	MOP	PE material	
				Pipe pup	Tee
GISETY250VP GISETY315VP	250mm 315mm	SDR17.6 SDR17.6	3.0 bar 3.0 bar	PE80 Co-extruded: Black inner - Borealis BorSafe ME 3440 Yellow outer - Borealis BorSafe ME 3441	PE100 Black: INEOS ELTEX TUB 121 N 6000
GISETY250XP GISETY315XP	250mm 315mm	SDR21 SDR21	2.0 bar 2.0 bar		

## Branch reducing tees (all outlets with 500mm pipe pups)

Model	Outside diameter (main x branch)	SDR	MOP	PE material	
				Pipe pup	Tee/reducer(s)
GISRTY250X90VP GISRTY315X90VP GISRTY250X125VP GISRTY315X125VP GISRTY250X180VP GISRTY315X180VP GISRTY315X250VP	250mm x 90mm 315mm x 90mm 250mm x 125mm 315mm x 125mm 250mm x 180mm 315mm x 180mm 315mm x 250mm	SDR17.6	3.0 bar	PE80 Co-extruded: Black inner - Borealis BorSafe ME 3440 Yellow outer - Borealis BorSafe ME 3441	PE100 Black: INEOS ELTEX TUB 121 N 6000
GISRTY315X180XP GISRTY315X250XP	315mm x 180mm 315mm x 250mm	SDR21	2.0 bar		

## Other reducing tees (all outlets with 500mm pipe pups)

- Any outlet of the tee can be factory fitted with the following reducer(s) before the pipe pup:
  - SDR17.6 or SDR21: 315mm x 250mm; 250mm x 180mm
  - SDR17.6 only: 180mm x 125mm; 180mm x 90mm; 125mm x 90mm
- Each tee factory fabrication must use parts with the same SDR
- Reducer(s) must only be used for continuous reduction from the tee outlets
- Reducer(s) must end with 500mm Yellow PE80 pipe pup with corresponding diameter

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Page: 3 of 4

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## Reducers (inlets and outlets with 500mm pipe pups)

Model	Outside diameter	SDR	MOP	PE material	
				Pipe pup	Reducer(s)
GISRY125X090VP GISRY180X090VP GISRY180X125VP GISRY250X090VP GISRY250X125VP GISRY250X180VP GISRY315X090VP GISRY315X125VP GISRY315X180VP GISRY315X250VP	125mm x 90mm 180mm x 90mm 180mm x 125mm 250mm x 90mm 250mm x 125mm 250mm x 180mm 315mm x 90mm 315mm x 125mm 315mm x 180mm 315mm x 250mm	SDR17.6	3.0 bar	PE80 Co-extruded: Black inner - Borealis BorSafe ME 3440 Yellow outer - Borealis BorSafe ME 3441	PE100 Black: INEOS ELTEX TUB 121 N 6000
GISRY315X180XP GISRY315X250XP	315mm x 180mm 315mm x 250mm	SDR21	2.0 bar		

### Notes:-

All PE parts are joined together in the factory using butt fusion

Pipe pups are fabricated from pipe covered by KM 676129

Pipe pups use Masterbatch 9816 RCOM High Opacity Yellow to enhance the Yellow colour

### Manufacturing location:

Peak Pipe Systems Limited  
Smeckley Wood Close  
Chesterfield Trading Estate  
Chesterfield  
S41 9PZ

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Page: 4 of 4

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