

Kitemark™ Certificate

This is to certify that:

Kimplas Piping Systems Limited
B-20, MIDC
Ambad
Nashik
Maharashtra
422 010
India

Holds Certificate Number:

KM 518050

In respect of:

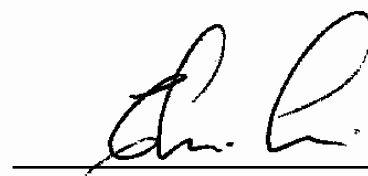
GIS/PL2-4

**Specification for polyethylene pipes and fittings for natural gas and suitable manufactured gas Part 4:
Fusion fittings with integral heating element(s)**

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:



Chris Lewis - Certification Director, Product Certification

First Issued: 2007-12-11
Latest Issue: 2019-09-06

Effective Date: 2019-09-06
Expiry Date: 2022-02-27

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...making excellence a habit.™

Kitemark™ Certificate

No. KM 518050

GIS/PL2-4:2014 - Specification for polyethylene pipes and fittings for natural gas and suitable manufactured gas Part 4: Fusion fittings with integral heating element(s).

Fittings	Nominal Size	PE Compound	Class of fitting
EF Couplers	20, 25, 32, 40, 50, 55, 63, 75 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, and 315mm	Fina 3802 YCF Yellow material, Fina 3802 B Black material or Borsafe ME 3440 Black or Borsafe ME 3441 Yellow	PE80 Class B
EF Reducers	25 – 20mm, 32 – 20mm, 32 – 25mm, 40 – 32mm, 63 – 32mm, 63 – 40mm, 63 – 50mm, 75 – 63mm, 90 – 63mm, 90 – 75mm, 110 – 63mm, 110-75mm, 110 – 90mm, 125 – 63mm, 125-75mm, 125 – 90mm, 125 – 110mm		
EF Elbow 90°	20mm, 25mm, 32mm, 40mm, 63mm, 75mm, 90mm, 110mm, 125mm.		
EF Equal Tees	20mm, 25mm, 32mm, 40mm, 63mm, 75mm, 90mm, 110mm, 125mm		
EF Tapping tees	63 – 75mm x 32mm, 90 – 140mm x 32mm, 160 – 225mm x 32mm, 40mm - 32mm, 63mm - 32mm, 90mm - 32mm, 110mm - 32mm, 125mm - 32mm, 160mm - 32mm, 180mm - 32mm, 63mm-2" – 75mm x 32mm, 90mm-3" x 32mm, 110mm-4" – 140mm x 32mm, 160mm-8" – 213mm x 32mm, 225mm – 250mm x 32mm, 63mm - 2" x 63mm, 75mm x 63mm, 90mm - 3" x 63mm, 110mm – 125mm - 4" x 63mm, 180mm – 200mm - 8" x 63mm		
EF Unequal Tees (Reducing Tee)	63mm x 32mm 90° 63mm x 40mm 90°		

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BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK. A member of BSI Group of Companies.

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No. KM 518050

GIS/PL2-4:2014 - Specification for polyethylene pipes and fittings for natural gas and suitable manufactured gas Part 4: Fusion fittings with integral heating element(s).

EF Purge / Bypass Tees	63mm-2" – 75mm x 32mm 90mm-3" x 32mm, 110mm-4" – 140mm x 32mm 160mm-8" – 213mm x 32mm 225mm – 250mm x 32mm 63mm - 2" x 63mm 75mm x 63mm 90mm - 3" x 63mm 110mm – 125mm - 4" x 63mm 180mm – 200mm - 8" x 63mm	Fina 3802 YCF Yellow material, Fina 3802 B Black material or Borsafe ME 3440 Black or Borsafe ME 3441 Yellow	PE80 Class B
EF Elbow 45°	75mm, 90mm		
EF End Cap	20mm, 25mm, 32mm, 40mm, 50mm, 55mm, 63mm, 75mm, 90mm, 110mm, 125mm, 140mm.		
EF End Cap – 1-piece	63mm, 75mm, 90mm, 110mm, 125mm, 140mm.		
EF Branch Saddle (Spigot Outlet)	125mm x 63mm, 180mm x 63mm, 250mm x 63mm, 225mm x 63mm, 315mm x 63mm, 355mm x 63mm, 400mm x 63mm.		

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Fittings	Nominal Size	PE Compound	Class of fitting
EF Couplers	20, 25, 32, 40, 50, 55, 63, 75, 90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315mm	HDPE 100 Black. HE 3490 IM or CRP 100 or HE 3490 LS-H	PE100 Black Class C
EF ICD Couplers	20, 25, 32, 40, 50, 63mm		
EF Reducers	25mm - 20mm, 32mm - 20mm, 32mm - 25mm, 40mm - 32mm, 63mm - 32mm, 63mm - 40mm, 63mm - 50mm, 75mm - 63mm, 90mm - 63mm, 90mm - 75mm, 110mm - 90mm, 110mm - 63mm, 110mm - 75mm, 125mm - 63mm, 125mm - 75mm, 125mm - 90mm, 125mm - 110mm.		
EF ICD Reducers	25mm - 20mm, 32mm - 20mm, 32mm - 25mm, 40mm - 20mm, 40mm - 25mm, 40mm - 32mm, 50mm - 25mm, 50mm - 32mm, 50mm - 40mm, 63mm - 32mm, 63mm - 40mm, 63mm - 50mm.		
EF End Cap (S and C)	20mm, 25mm, 32mm, 40mm, 50mm, 55mm, 63mm, 75mm, 90mm, 110mm, 125mm, 140mm.		
EF End Cap (one piece)	63mm, 75mm, 90mm, 110mm, 125mm.		
EF ICD End Cap	20mm, 25mm, 32mm, 40mm, 50mm, 63mm.		
EF Elbow 45°	75mm, 90mm		
EF ICD Elbow 45°	20mm, 25mm, 32mm, 40mm, 50mm, 63mm,		
EF Elbow 90°	20mm, 25mm, 32mm, 40mm, 63mm, 75mm, 90mm, 110mm, 125mm		
EF ICD Elbow 90°	20mm, 25mm, 32mm, 40mm, 50mm, 63mm		

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Fittings	Nominal Size	PE Compound	Class of fitting
EF Equal Tees 90°	20mm, 25mm, 32mm, 40mm, 63mm, 75mm, 90mm, 110mm, 125mm	HDPE 100 Black. HE 3490 IM or CRP 100 or HE 3490 LS-H	PE100 Black Class C
EF ICD Equal Tees 90°	20mm, 25mm, 32mm, 40mm, 50mm, 63mm		
EF Purge / Bypass Tees	63mm-2" – 75mm x 32mm 90mm-3" x 32mm, 110mm-4" – 140mm x 32mm 160mm-8" – 213mm x 32mm 225mm – 250mm x 32mm 63mm - 2" x 63mm 75mm x 63mm 90mm - 3" x 63mm 110mm – 125mm - 4" x 63mm 180mm – 200mm - 8" x 63mm		
EF Tapping tees	63mm - 75mm x 32mm, 90mm - 110mm x 32mm, 125mm - 140mm x 32mm, 160mm - 180mm x 32mm, 200mm - 225mm x 32mm 40mm - 32mm, 63mm - 32mm, 90mm - 32mm, 110mm - 32mm, 125mm - 32mm, 160mm - 32mm, 180mm - 32mm, 63mm-2" – 75mm x 32mm 90mm-3" x 32mm, 110mm-4" – 140mm x 32mm 160mm-8" – 213mm x 32mm 225mm – 250mm x 32mm 63mm - 2" x 63mm 75mm x 63mm 90mm - 3" x 63mm 110mm – 125mm - 4" x 63mm 180mm – 200mm - 8" x 63mm		
EF Unequal Tees (Reducing Tee)	63mm x 32mm 90°, 63mm x 40mm 90°		

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Notes: 1) ICD designation is for “Integral Clamping Device” a facility to hold the pipe.

2) Pin Terminal Design of EF Fittings is as per Clause No. 8.1.3 – Type A and Type B of this standard GIS
/ PL2 -4 : 2014.

3) This certificate is issued as an administrative update to re-group the fittings into separate types to clarify the ranges certified, no changes have been made to the products themselves or the range covered by this certificate. This certificate supersedes that dated 28th February 2019.



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