

Date of valid edition  
2013-11-05

No: 2079

Date of issue  
2013-11-05

Reference

Licensee's name and address

Marks covered by licence

John Guest Ltd.  
Horton Road  
West Drayton Middlesex, UB7 8JL,  
United Kingdom



Information regarding licensee/matrix

Licensee's technical officer	Telephone +44 1895 449233	Telefax +44 1895 425349
Lee Flood	E-mail lee.flood@johnguest.co.uk	
Manufacturer	Place of manufacture	
John Guest Ltd.	Reform road Maidenhead, Berkshire, SL6 8BY United Kingdom	

Product covered by the licence

Type of product Multi layer pipes for hot and cold water systems.	Standard Normative document ISO 21003	Specific rules INSTA SBC 21003
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Specification of product Approved raw materials according to appendix 1

Pipe type	Diameter	Size group	Class	Reports:
Barrier PE-X	12 mm	1	2, 10 bar	KIWA 09030136-5c
	16 mm	1	2, 10 bar	TI 457470
	20 mm	1	2, 10 bar	TI validation letter
Barrier PE-X	12 mm	1	5, 6 bar	KIWA 09030136-5c
	16 mm	1	5, 6 bar	TI 457470
	20 mm	1	5, 6 bar	TI validation letter

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Appendix 1  
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The tables below show the approved raw materials.

Raw material				
Pipe type	Water contact	Material type	Material part number	Supplier
PE-X layer	Yes	Cross-linkable polyethylene	SX720	AEI Compounds Ltd Crete Hall Road Gravesend Kent, DA11 9AF United Kingdom
		Catalyst Masterbatch (5% addition to PE-X)	CM488	
		Process aid (1% addition to PE-X)	21494	
		White masterbatch	RCL AE30	Clariant Masterbatches UK Ltd. Haslemere Industrial Estate Bryn Wigan Lancashire WN4 0BZ United Kingdom
Adhesive	At cut end only	PE adhesive	Admer NF468E	Mitsui & Co, Europe
		Blue masterbatch	BN AE30	Clariant Masterbatches UK Ltd.
Oxygen barrier	At cut end only	EVOH	EVAL FB101B	Mitsui & Co, Europe