

Date of valid edition
2013-11-05

No: 2078

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/manufacture

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

Product covered by the licence

Type of product Fittings for 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**

Fitting type	Diameter	Fitting group	Size group	Class	Reports:
Speedfit plumbing fittings	12 mm	1,2,3,4	1	2, 10 bar	KIWA 09030136-5c TI 457470 TI validation letter
	16 mm	1,2,3,4	1	2, 10 bar	
	20 mm	1,2,3,4	1	2, 10 bar	
Speedfit plumbing fittings	12 mm	1,2,3,4	1	5, 6 bar	KIWA 09030136-5c TI 457470 TI validation letter
	16 mm	1,2,3,4	1	5, 6 bar	
	20 mm	1,2,3,4	1	5, 6 bar	

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 Anders Lindgren
 Certification Manager

Appendix 1
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The tables below shows the approved raw materials.

Raw material

MW brass water fittings

Sub component	Water contact	Material type	Material part number	Supplier
Body	Yes	Dezincification resistant brass	CW602N	Nemco Metals Pennard Close, Brackmills Northampton, NN4 7BE, UK
O-rings	Yes	EPDM	EP11/01/13	Superior Seals Ltd. Woolsbridge Ind Est. Three Legged Cross Wimborne, Dorset, BH21 6SR, UK
Spacer washer	No	Yellow kematal acetal	M90/14+ M90/07/56	Ticona UK Ltd. Stafford Park 12, Telford Shropshire, TF3 3BJ, UK
Collets	No	White nylon 12	AZM30 white 9TLD	Arkema 6270 Bishops Court Solihull Parkway Birmingham Business Park Birmingham, B37 7YB, UK
		Stainless steel	301S21	Knight Strip Metals Ltd. Knuway House Cranbourne Road Potters Bar Herts, EN6 3JL, UK

WB brass water fittings

Sub component	Water contact	Material type	Material part number	Supplier
Body	Yes	Dezincification resistant brass	CW602N	Gnutti Cirillo Via Ruca, 96 I-25065 Lumezzane S.S. (Bs) Italy
O-rings	Yes	EPDM	EP11/01/1 3	Superior Seals Ltd. Woolsbridge Ind Est. Three Legged Cross Wimborne, Dorset, BH21 6SR, UK
Spacer washer	No	Yellow kematal acetal	M90/14+ M90/07/56	Ticona UK Ltd. Stafford Park 12, Telford Shropshire, TF3 3BJ, UK
Collets	No	White nylon 12	AZM30 white 9TLD	Arkema 6270 Bishops Court Solihull Parkway Birmingham Business Park Birmingham, B37 7YB, UK
		Stainless steel	301S21	Knight Strip Metals Ltd. Knuway House Cranbourne Road Potters Bar Herts, EN6 3JL, UK

PEM PE-X water fittings

Sub component	Water contact	Material type	Material part number	Supplier
Body	Yes	Cross-linkable polyethylene	SX739	AEI Compounds Ltd Crete Hall Road Gravesend Kent, DA11 9AF United Kingdom
		Catalyst Masterbatch (5% addition to PE-X)	CM488/6	
		White masterbatch (3% addition)	GW10490	Silvergate Plastics Unit 53 Clywedog Road South Wrexham Ind. Est. Wrexham, LL13 9XN, UK
O-rings	Yes	EPDM	EP11/01/1 3	Superior Seals Ltd. Woolsbridge Ind Est. Three Legged Cross Wimborne, Dorset, BH21 6SR, UK

Thread seals (tap connector only)	Yes	EPDM	EP1/1/5	
STS and TSM pipe inserts				
Sub component	Water contact	Material type	Material part number	Supplier
Body	Yes	1.Udel polysulphone	P1700WH 7407	Solvay Speciality Polymers Viale Lombardia 20 20021 Bollate (MI) Italy
STS type Superseal pipe insert o-rings	Yes	3. EPDM	EP1/1/5	Superior Seals Ltd. Woolsbridge Ind Est. Three Legged Cross Wimborne, Dorset, BH21 6SR, UK