

Certificate of Product Approval

Certificate Number: 566a

Issue: 08

Rapidrop Global Limited

Rutland Business Park
Newark Road
Peterborough
PE1 5WA



is certified by BRE Global Ltd. and is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products

Rapidrop Flexible Sprinkler Connectors
(Refer to attached appendix for details)

Standards

LPS 1261: Issue 1.2

Requirements for Testing Flexible Hoses for Sprinkler Systems

This certificate and appendix is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

RE Brown

Signed for BRE Global Ltd.

Robert Brown
Verifier

16 March 2023
Date of Issue

9 February 2007
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Appendix to Certificate No: 566a Rapidrop Global Limited

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Rapidrop SP Flexible Sprinkler Connectors to LPS 1261: Issue 1.2

Product Name	Length (mm)	Nominal Size/Connection Supply	Nominal Size/Connection Outlet	Maximum Working Pressure (bar)	LPCB Ref. No.
SP-1_S	700	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/01
SP-1	780	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/01
SP-2_S	1000	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/01
SP-2	1220	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/01
SP-3	1540	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/01
SP-4	1880	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/01
SP-5	2540	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/01
SP-6	3220	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/01

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Rapidrop SPN Flexible Sprinkler Connectors to LPS 1261: Issue 1.2

Product Name	Length (mm)	Nominal Size/Connection Supply	Nominal Size/Connection Outlet	Maximum Working Pressure (bar)	LPCB Ref. No.
SPN-1_S	700	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/02
SPN-1	780	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/02
SPN-2_S	1000	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/02
SPN-2	1220	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/02
SPN-3	1540	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/02
SPN-4	1880	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/02
SPN-5	2540	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/02
SPN-6	3220	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/02

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Rapidrop SPW Flexible Sprinkler Connectors to LPS 1261: Issue 1.2

Product Name	Length (mm)	Nominal Size/Connection Supply	Nominal Size/Connection Outlet	Maximum Working Pressure (bar)	LPCB Ref. No.
SPW-1_S	700	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/03
SPW-1	780	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/03
SPW-2_S	1000	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/03
SPW-2	1220	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/03
SPW-3	1540	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/03
SPW-4	1880	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/03
SPW-5	2540	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/03
SPW-6	3220	R1 (1" BSPT), 1" NPT, R1¼ (1¼" BSPT), 1¼" NPT External thread	Rc½" BSPT, ½" NPT, Rc¾" BSPT, ¾" NPT Internal thread	16	566a/03

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Notes for Rapidrop SP, SPN & SPW Flexible Sprinkler Connectors:

These flexible sprinkler connectors may be used in applications where little or no differential movement between the two ends is expected after installation (e.g., supply to single sprinklers in suspended ceilings).

1. Rapidrop SP, SPN & SPW sprinkler connectors are approved for use in the following applications:

Assembly length (mm)	Pre-calculated		Fully hydraulically calculated
	Town's mains	Pumped	
Up to 780*	Yes	Yes	Yes
Up to 1000**	Yes	Yes	Yes
Up to 1540**	No	Yes	Yes
Up to 3220**	No	No	Yes

Pipework supplying Rapidrop flexible sprinkler connector assemblies in pre-calculated systems shall be sized as distribution mains. The above applications apply to Rapidrop flexible sprinkler connectors with:

- * up to 2 x 90° bends, with a straight or 90° elbow reducer
- ** up to 3 x 90° bends, with a straight or 90° elbow reducer

2. In suspended ceilings Rapidrop SP, SPN & SPW flexible sprinkler connectors must be installed in accordance with the Rapidrop installation instructions, Datasheet 3.03, issue F.
3. In suspended ceilings the outlet reducer must be secured to the ceiling support system with brackets supplied. For other applications the installer must supply brackets to ensure the sprinkler is secure.

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