

Pipe for INERGEN distribution

Item numbers covered by this datasheet

7000404	Galv Pipe DN15	EN10220/EN10217-1 P235TR1-TR2
7000406	Galv Pipe DN20	EN10220/EN10217-1 P235TR1-TR2
7000408	Galv Pipe DN25	EN10220/EN10217-1 P235TR1-TR2
7000410	Galv Pipe DN32	EN10220/EN10217-1 P235TR1-TR2
7000411	Galv Pipe DN40	EN10220/EN10217-1 P235TR1-TR2
7000412	Galv Pipe DN50	EN10220/EN10217-1 P235TR1-TR2
7000414	Galv Pipe DN65	EN10220/EN10217-1 P235TR1-TR2
7000416	Galv Pipe DN80	EN10220/EN10217-1 P235TR1-TR2

General

Hot dipped galvanised steel pipe for use in INERGEN distribution systems downstream of the orifice pressure reduction device.

Pipe is for threading with ISO7 pipe thread and assembled to the pipe system using fittings described in chapter 51. When assembled a suitable sealant should be applied to the thread, this being either hemp and grease, a PTFE based tape or a thread sealing fluid.

Specifications

Pipe:	Dimension [ø mm×mm]	Flow-way: [ø mm]	Mass: [kg/m]	Thread: [ISO7/1]	Max support distance Pipe [m]	Nozzle [m]
DN15	21.3×3.2	14.735	1.43	½"	2	0.1
DN20	26.9×3.2	20.35	1.87	¾"	2	0.1
DN25	33.7×4.0	25.535	2.93	1"	2	0.25
DN32	42.4×4.5	33.235	4.21	1 ¼"	3	0.25
DN40	48.3×4.5	39.135	4.86	1 ½"	3	0.25
DN50	60.3×4.5	51.135	6.19	2"	4	0.25
DN65	76.1×4.5	66.93	7.93	2 ½"	4	0.25
DN80	88.9×4.5	79.818	10.3	3"	4	0.25

Material is impact tested @ -40°C

Installation

Piping must be secured properly to structures capable to support the weight of the pipe as well as forces from the nozzle, pipe brackets should also allow for expansion of pipe due to temperature during discharge.

Standards & approvals

Pipe is rated for working pressure up to 80bar in extinguishing systems and 3.1 certificates are available.

After installation the pipe system must be pressure tested to 1.43x working pressure in order to comply with the European Pressure Equipment Directive (PED).

Pipe system above DN32 must be CE marked.

Document: Ci Galv Pipes.docx

Text

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Category:

Id: MRP

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Control inert

Rev: 2024-03-08

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