



JABATAN AIR NEGERI SABAH

Butiran Pendaftaran

No Sijil : JANS.2025.84a, JANS.2025.84b, JANS.2025.84c

Nama Pembekal : **NORWARDS INDUSTRIES SDN BHD**
Lot 5191, Jalan Balakong, Batu 13, Taman Balakong Jaya
43300 Balakong, Selangor, Malaysia

Nama Pembuat /
Pengilang : **XINFENG PIPE FITTINGS CO., LTD.**
SME Park, Xianrendao Energy & Chemical Industry Zone
115007 Yingkou City, Liaoning Province, China

Nama Prinsipal /
Pemilik : **NORWARDS INDUSTRIES SDN. BHD.**
Lot 5191, Jalan Balakong, Batu 13, Taman Balakong Jaya
43300 Balakong, Selangor, Malaysia

Nama Produk : Ductile Iron Fittings

Kategori : A - [Conveyance of Water]

Kelas/Saiz/Model : (Sila rujuk Jadual di muka surat belakang)

Jenama : **NORWARDS**

Piawaian : MS1919:2013

Tarikh dikeluarkan : 17 Jun 2025

Sah sehingga : 17 Jun 2027

Perihal produk :

NAMA PRODUK	MODEL	SIRI	PERIHAL/CLASS/SAIZ
DUCTILE IRON FITTINGS	All Socket Tee	Pressure Rating : PN25	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 40x40, 50x50, 60x60, 65x65, 80x40, 80x80, 100x40,100x60, 100x80, 100x100, 125x40, 125x80, 125x100, 125x125, 150x40, 150x80, 150x100, 150x150, 200x40, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100,250x150, 250x200, 250x250, 300x100, 300x150, 300x200, 300x250 AND 300x300
	Double Socket Tee With Flanged Branch	Pressure Rating : PN25	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 40x40, 50x50, 60x40, 60x60, 65x40, 65x65, 80x40, 80x60, 80x80, 100x40, 100x60, 100x80, 100x100, 125x40, 125x60, 125x80, 125x100, 125x125, 150x40, 150x60, 150x80, 150x100, 150x125, 150x150, 200x40,200x60, 200x80, 200x100, 200x125, 200x150, 200x200, 250x60, 250x80, 250x100,250x150, 250x200, 250x250, 300x60, 300x80, 300x100, 300x150, 300x200,300x250 AND 300x300
	Double Socket Tee With Flanged Branch	Pressure Rating : PN16	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 350x60, 350x80, 350x100, 350x150, 350x200,350x250, 350x350, 400x80, 400x100, 400x150, 400x200, 400x250, 400x300,400x400, 450x100, 450x150, 450x200, 450x250, 450x300, 450x400, 450x450,500x100, 500x200, 500x400, 500x500, 600x200, 600x400 AND 600x600
	Double Socket Tee With Flanged Branch	Pressure Rating : PN10	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 700x200, 700x400, 700x700, 800x200, 800x400,800x600, 800x800, 900x200, 900x400, 900x600, 900x900, 1000x200, 1000x400,1000x600, 1000x1000, 1100x400, 1100x600, 1200x600, 1200x800, 1200x1000,1400x600, 1400x800, 1400x1000, 1500x600, 1500x1000, 1600x600, 1600x800, 1600x1000, 1600x1200, 1800x600, 1800x800, 1800x1000, 1800x1200, 2000x600,2000x1000 AND 2000x1400

No Sijil : JANS.2025.84a

Perihal :

Double Socket Tapper	Pressure Rating : PN25	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 50x40, 60x50, 65x50, 80x40, 80x60, 80x65, 100x60,100x80, 125x60, 125x80, 125x100, 150x80, 150x100, 150x125, 200x100, 200x125, 200x150, 250x125, 250x150, 250x200, 300x150, 300x200 AND 300x250
Double Socket Tapper	Pressure Rating : PN16	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 350x200, 350x250, 350x300, 400x250, 400x300,400x350, 450x350, 450x400, 500x350, 500x400, 600x400 AND 600x500
Double Socket Tapper	Pressure Rating : PN10	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 700x500, 700x600, 800x600, 800x700, 900x700, 900x800, 1000x800, 1000x900, 1100x1000, 1200x1000, 1400x1200, 1500x1400,1600x1400, 1800x1600 AND 2000x1800
All Flanged Tee	Pressure Rating : PN25	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 40x40, 50x50, 60x40, 60x60, 65x65, 80x40, 80x60,80x80, 100x40, 100x60, 100x80, 100x100, 125x40, 125x60, 125x80, 125x100,125x125, 150x40, 150x60, 150x80, 150x100, 150x125, 150x150, 200x40, 200x60, 200x80, 200x100, 200x125, 200x150, 200x200, 250x60, 250x80, 250x100, 250x150, 250x200, 250x250, 300x60, 300x80, 300x100, 300x150, 300x200, 300x250 AND300x300
All Flanged Tee	Pressure Rating : PN16	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 350x60, 350x80, 350x100, 350x150, 350x200,350x250, 350x350, 400x80, 400x100, 400x150, 400x200, 400x250, 400x300,400x400, 450x100, 450x150, 450x200, 450x250, 450x300, 450x400, 450x450,500x100, 500x200, 500x400, 500x500, 600x200, 600x400 AND 600x600
All Flanged Tee	Pressure Rating : PN10	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 700x200, 700x400, 700x700, 800x200, 800x400,800x600, 800x800, 900x200, 900x400, 900x600, 900x900, 1000x200, 1000x400,1000x600, 1000x1000, 1100x400, 1100x600, 1200x600, 1200x800, 1200x1000,1400x600, 1400x800, 1400x1000, 1500x600, 1500x1000, 1600x600, 1600x800, 1600x1000, 1600x1200, 1800x600, 1800x800, 1800x1000, 1800x1200, 2000x600, 2000x1000 AND 2000x1400

FOR WEBSITE

No Sijil : JANS.2025.84b

Perihal :

NAMA PRODUK	MODEL	SIRI	PERIHAL/CLASS/SAIZ
DUCTILE IRON FITTINGS	FLANGED SOCKET, FLANGED SPIGOT, COLLAR, DOUBLE SOCKET 90° BEND, DOUBLE SOCKET 45° BEND, DOUBLE SOCKET 22.5° BEND, DOUBLE SOCKET 11.25° BEND, DOUBLE FLANGED 90° BEND, 90° DUCKFOOT BEND, DOUBLE FLANGED 45° BEND, DOUBLE FLANGED 22.5° BEND, DOUBLE FLANGED 11.25° BEND	PRESSURE RATING : PN25	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A Size :NOMINAL DIAMETER (mm): 40, 50, 60, 65, 80, 100, 125, 150, 200, 250 AND 300
	FLANGED SOCKET, FLANGED SPIGOT, COLLAR, DOUBLE SOCKET 90° BEND, DOUBLE SOCKET 45° BEND, DOUBLE SOCKET 22.5° BEND, DOUBLE SOCKET 11.25° BEND, DOUBLE FLANGED 90° BEND, 90° DUCKFOOT BEND, DOUBLE FLANGED 45° BEND, DOUBLE FLANGED 22.5° BEND AND DOUBLE FLANGED 11.25° BEND.	PRESSURE RATING : PN16	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A Size :NOMINAL DIAMETER (mm): 350, 400, 450, 500 AND 600
	FLANGED SOCKET, FLANGED SPIGOT, COLLAR, DOUBLE SOCKET 90° BEND, DOUBLE SOCKET 45° BEND, DOUBLE SOCKET 22.5° BEND, DOUBLE SOCKET 11.25° BEND, DOUBLE FLANGED 45° BEND, DOUBLE FLANGED 90° BEND, 90° DUCKFOOT BEND	PRESSURE RATING : PN10	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A Size :NOMINAL DIAMETER (mm): 700, 800, 900, 1000, 1100, 1200, 1400, 1500, 1600, 1800 AND 2000
	DOUBLE FLANGED TAPPER	PRESSURE RATING : PN25	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A Size :NOMINAL DIAMETER (mm): 50x40, 60x50, 65x50, 80x60, 80x65, 100x80, 125x100, 150x125, 200x150, 250x200, AND 300x250
	DOUBLE FLANGED TAPPER	PRESSURE RATING : PN16	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A Size :NOMINAL DIAMETER (mm): 350x300, 400x300, 400x350, 450x400, 500x400 AND 600x500
	DOUBLE FLANGED TAPPER	PRESSURE RATING : PN10	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A Size :NOMINAL DIAMETER (mm): 700x600, 800x700, 900x800, 1000x900, 1100x1000, 1200x1000, 1400x1200, 1500x1400, 1600x1400, 1800x1600 AND 2000x1800

No Sijil : JANS.2025.84c

Perihal :

NAMA PRODUK	MODEL	SIRI	PERIHAL/CLASS/SAIZ
DUCTILE IRON FITTINGS	BLANK FLANGED	PRESSURE RATING : PN10 AND PN16	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 40, 50, 60, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1400, 1500, 1600, 1800 AND 2000
	BLANK FLANGED	PRESSURE RATING : PN25 AND PN40	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 40, 50, 60, 65, 80, 100, 125, 150, 200, 250, 300, 350,400, 450, 500 AND 600
	ALL SOCKET TEE	PRESSURE RATING : PN16	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 350x80, 350x100, 350x150, 350x200, 350x250,350x300, 350x350, 400x80, 400x100, 400x150, 400x200, 400x250, 400x300,400x350, 400x400, 450x80, 450x100, 450x150, 450x200, 450x250, 450x300,450x350, 450x400, 450x450, 500x80, 500x100, 500x150, 500x200, 500x250,500x300, 500x350, 500x400, 500x450, 500x500, 600x80, 600x100, 600x150,600x200, 600x250, 600x300, 600x350, 600x400, 600x450, 600x500, 600x600
	ALL SOCKET TEE	PRESSURE RATING : PN10	Type :INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa) EXTERNAL COATING: BITUMEN SERIES: A; Size :NOMINAL DIAMETER (mm): 700x80, 700x100, 700x150, 700x200, 700x250,700x300, 700x350, 700x400, 700x450, 700x500, 700x600, 700x700, 800x80,800x100, 800x150, 800x200, 800x250, 800x300, 800x350, 800x400, 800x450,800x500, 800x600, 800x700, 800x800, 900x80, 900x100, 900x150, 900x200,900x250, 900x300, 900x350, 900x400, 900x450, 900x500, 900x600, 900x700, 900x800, 900x900, 1000x80, 1000x100, 1000x150, 1000x200, 1000x250, 1000x300,1000x350, 1000x400, 1000x450, 1000x500, 1000x600, 1000x700, 1000x800,1000x900, 1000x1000, 1100x80, 1100x100, 1100x150, 1100x200, 1100x250,1100x300, 1100x350, 1100x400, 1100x450, 1100x500, 1100x600, 1100x700,1100x800, 1100x900, 1100x1000, 1100x1100, 1200x80, 1200x100, 1200x150,1200x200, 1200x250, 1200x300, 1200x350, 1200x400, 1200x450, 1200x500,1200x600, 1200x700, 1200x800, 1200x900, 1200x1000, 1200x1100, 1200x1200,1400x80, 1400x100, 1400x150, 1400x200, 1400x250, 1400x300, 1400x350,1400x400, 1400x450, 1400x500, 1400x600, 1400x700, 1400x800, 1400x900,1400x1000, 1400x1100, 1400x1200, 1400x1400, 1400x80, 1400x100, 1400x150,1400x200, 1400x250, 1400x300, 1400x350, 1400x400, 1400x450, 1400x500,1400x600, 1400x700, 1400x800, 1400x900, 1500x80, 1500x100, 1500x150, 1500x200, 1500x250, 1500x300,1500x350, 1500x400, 1500x450, 1500x500, 1500x600, 1500x700, 1500x800,1500x900, 1500x1000, 1500x1100, 1500x1200, 1500x1400, 1500x1500, 1600x200,1600x250, 1600x300, 1600x350, 1600x400, 1600x450, 1600x500, 1600x600.