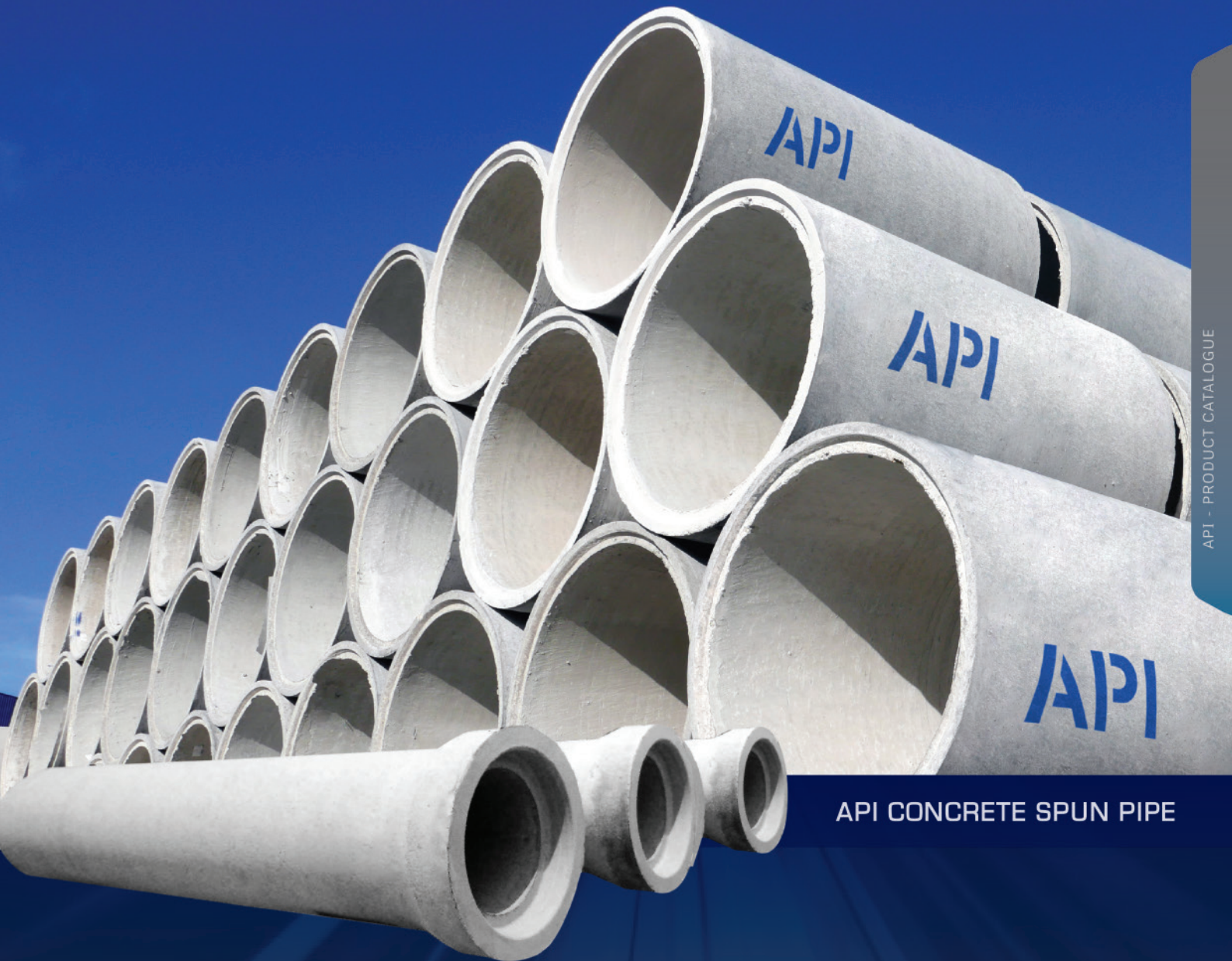


# API<sup>®</sup>

*Partners Together From  
αΠΩ*

## PRECAST CONCRETE SPUN PIPE



API - PRODUCT CATALOGUE

API CONCRETE SPUN PIPE

[www.api.com.my](http://www.api.com.my)

FACTORY:

SUNGAI PETANI

RASA

RAWANG

ULU YAM

BESUT

KULAI



## API STANDARD SPUN PIPE

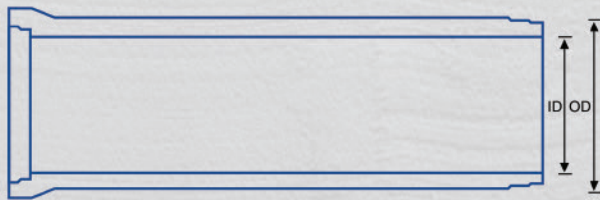
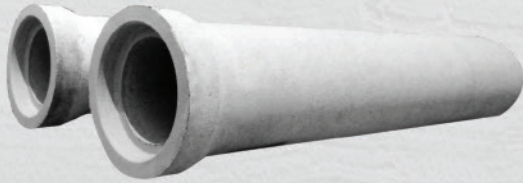
In moving forward to an ecofriendly carbon emission footprint, API uses **GREEN** cements in our concrete products. Products with blended cements have enhanced workability, long term strength gain and durability in marine conditions, sewerage applications and other aggressive environments.

### Pipe Range

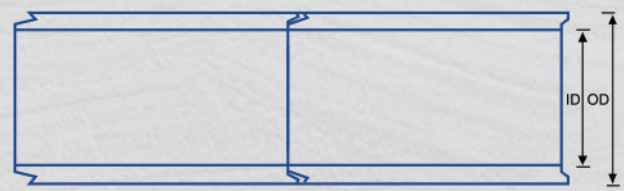
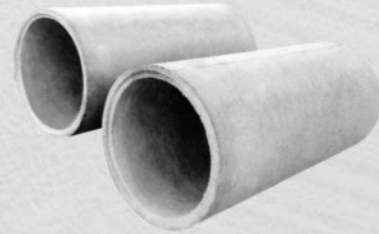
The internal diameter size of the API Precast Concrete Pipe is within the range of 450mm to 1800mm.

API Precast Concrete Pipe culvert is available in two different type of joints:

- Rebated joint pipe of 1.52m in length
- Spigot and socket c/w rubber ring joint pipe of 3.05m in length



Spigot & Socket With Rubber Ring Joint Pipe



Rebated Joint Pipe

### Production

API Precast Concrete Pipe Culvert is produced under factory controlled condition that are certified to MS ISO 9001 : 2015 by SIRIM. The pipe culvert is manufactured in rigid and dimensionally accurate mould to facilitate the accurate fixing of steel reinforcement cage.

API Precast Concrete Pipe Culvert is manufactured by the centrifugal spinning process where the pipes are spun at high speed by centrifugal force to achieve dense concrete pipe with superior quality.

## API STANDARD SPUN PIPE DETAILS

API Precast Concrete Pipe is manufactured in accordance with dimension and class shown in the table below.

Pipe Culvert Size		Crushing Test Load (KN/m of effective length)					
Internal Diameter (mm)	External Diameter (mm)	Class L		Class M		Class H	
		Work Proof Load	Maximum Load	Work Proof Load	Maximum Load	Work Proof Load	Maximum Load
450	530	20	25	35	44	41	52
600	700	20	25	46	58	54	68
750	860	38	48	53	67	65	82
900	1030	46	58	67	84	85	107
1050	1200	51	64	76	95	96	120
1200	1370	58	72	87	109	110	138
1500	1680	69	87	104	130	132	165
1800	2040	82	103	124	135	158	198

NOTE: The above crushing test load is extracted from MS 881 Part 1. The Concrete Pipe Culvert is categorised as Class L (Light), Class M (Medium) and Class H (Heavy). Pipes of higher class (H+) is available upon request.

API Precast Concrete Pipe is manufactured under stringent controlled environment, to withstand the respective crushing test load in its category as tabulated in the above table.

API also manufactures Precast Concrete Pipe of Class Strength of AS 4058.

## API Precast Marketing Sdn. Bhd. [770700-A]

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