FLOOD PROTECTION BAG "QUICK BANK"

- *In order to control flooding from non-tidal rivers and rainwater, Quick Bank is ideal in minimizing damage.*
- *Quick Bank is highly absorbent; upon coming into contact with water, it inflates over 30 times its original size.*

Quick Bank Applications

1. Low-lying flood areas and homes
2. Building and factory entrances and interiors
3. Underpasses, subways, and the interior and exterior of underground buildings
4. Hospitals, laboratories, and special regions
5. Military facilities (underground bunker, hangar, the inside of warship, etc.)
6. Drainage system constructions and expected flooding areas
7. Agricultural dam constructions

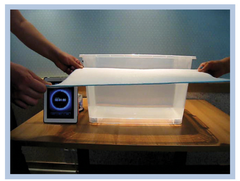
Quick Bank Advantages

Sandless Flood Protection Bag

Quick Bank is a non woven fabric sack containing a super absorbent polymer (SAP). After soaking in water for 2-3 minutes, Quick Bank weighs 150g, then continues rapidly absorbing the water and inflates up to 10kg~12kg.
Compared traditional sandbags, Quick Bank is lighter and easier to handle and transport.

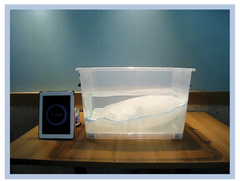
Eco-friendly material

The non-woven sack is not harmful to the human body. It uses microfiber filament and moisture fiber to increase tension, friction, and water absorption.
The main application of this highly absorbable resin is for baby diapers and sanitary pads, which are in contact with the most sensitive of human skin; it is non-toxic and non-allergy inducing. However, this super absorbent polymer (SAP) is not suitable for use in salt-water.



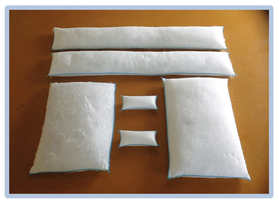
Quick Bank (350mm X 550mm)

Quick Bank after 30 seconds



Quick Bank after 2 minutes

NON-WOVEN FABRIC OIL ABSORPTION BAG



- **Fast response to oil spills**
- **More oil absorption and better oil absorbing speed compared to current oil absorbing pads.**

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CREATING GEOSTABILIZATION SOLUTIONS

Major Clients

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ORIENTAL PRECISION & ENGINEERING CO., LTD.	DOOSAN	HYOSUNG	KOLON

KIMS ENGINEERING.CO.,LTD

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2014. 06

Quick Connect Couplings

www.kimseng.co.kr

KIMS ENGINEERING.CO.,LTD

HYBRID AIR COUPLER

When connecting to air tools, Hybrid couplings are easily connected and disconnected between the hose and tool, and are used for hose connections.

Specifications

- Material : Steel
- Working Pressure : 0 ~ 9.9kgf/cm²
- Operating Temperature : -20℃ ~ +80℃
- Max. Working Pressure : 15kgf/cm²

SOCKET

Type	Model	Application
SH-TYPE	SH-20	5/16" HOSE
	SH-30	3/8" HOSE
	SH-40	1/2" HOSE

Type	Model	Application
SM-TYPE	SM-20	PT 1/4"
	SM-30	PT 3/8"
	SM-40	PT 1/2"

Type	Model	Application
SF-TYPE	SF-20	PT 1/4"
	SF-30	PT 3/8"
	SF-40	PT 1/2"

PLUG

Type	Model	Application
PH-TYPE	PH-20	5/16" HOSE
	PH-30	3/8" HOSE
	PH-40	1/2" HOSE

Type	Model	Application
PM-TYPE	PM-20	PT 1/4"
	PM-30	PT 3/8"
	PM-40	PT 1/2"

Type	Model	Application
PF-TYPE	PF-20	PT 1/4"
	PF-30	PT 3/8"
	PF-40	PT 1/2"

SAFETY COUPLER

Safety coupler is a welding equipment connector for Oxygen and Gas use.

Specifications

- Material : Brass
- Max. Working Pressure : 7kgf/cm²
- Operating Temperature : -20℃ ~ +80℃
- Proof Pressure : 10kgf/cm²

SOCKET

SH-20 (OX)

SH-30 (GAS)

Type	Model	Use	Application
SH-TYPE	SH-20	OX	8A 5/16"
	SH-30	GAS	

PLUG

PFB-20 (OX)

PHB-20 (OX)

PFB-30 (GAS)

PHB-30 (GAS)

Type	Model	Use	Application
PFB-TYPE	PFB-20	OX	M16 x P1.5
	PFB-30	GAS	M16 x P1.5 Left
PHB-TYPE	PHB-20	OX	8A 5/16"
	PHB-30	GAS	

DOUBLE PATH OPEN COUPLER

This is a double path, open type coupler which does not have a valve mechanism at neither the socket nor the plug.

- [Material] Brass, Stainless Steel, Steel
- [Use] Hydraulic equipments, Sea water / Steam pipes, Chemicals, High-pressure gas (nitrogen, freon, etc.)

SOCKET

Type	Model	Application
TSF TYPE	1TSF	PT 1/8"
	2TSF	PT 1/4"
	3TSF	PT 3/8"
	4TSF	PT 1/2"
	6TSF	PT 3/4"
	8TSF	PT 1"

Type	Model	Application
TSH TYPE	1TSH	1/8" HOSE
	2TSH	1/4" HOSE
	3TSH	3/8" HOSE
	4TSH	1/2" HOSE
	6TSH	3/4" HOSE
	8TSH	1" HOSE

Type	Model	Application
TSM TYPE	1TSM	PT 1/8"
	2TSM	PT 1/4"
	3TSM	PT 3/8"
	4TSM	PT 1/2"
	6TSM	PT 3/4"
	8TSM	PT 1"

PLUG

Type	Model	Application
TPF TYPE	1TPF	PT 1/8"
	2TPF	PT 1/4"
	3TPF	PT 3/8"
	4TPF	PT 1/2"
	6TPF	PT 3/4"
	8TPF	PT 1"

Type	Model	Application
TPH TYPE	1TPH	1/8" HOSE
	2TPH	1/4" HOSE
	3TPH	3/8" HOSE
	4TPH	1/2" HOSE
	6TPH	3/4" HOSE
	8TPH	1" HOSE

Type	Model	Application
TPM TYPE	1TPM	PT 1/8"
	2TPM	PT 1/4"
	3TPM	PT 3/8"
	4TPM	PT 1/2"
	6TPM	PT 3/4"
	8TPM	PT 1"

SP COUPLER

SP coupler is a double-path, switching type coupler that has valves on both sides of the socket and plug.

- [Material] Brass, Stainless Steel, Steel
- [Use] Chemical Plant, Shipbuilding, Nuclear energy / various pipes

SOCKET

Type	Model	Application
SOCKET	1S	PT 1/8"
	2S	PT 1/4"
	3S	PT 3/8"
	4S	PT 1/2"
	6S	PT 3/4"
	8S	PT 1"

PLUG

Type	Model	Application
PLUG	1P	PT 1/8"
	2P	PT 1/4"
	3P	PT 3/8"
	4P	PT 1/2"
	6P	PT 3/4"
	8P	PT 1"

HYDRAULIC COUPLER

Hydraulic coupler is a double path, switching type coupler made of special steel

SOCKET

Model	Application	Max. Working Pressure
2HS	NPT 1/4"	321kgf/cm²
3HS	NPT 3/8"	321kgf/cm²
4HS	NPT 1/2"	255kgf/cm²
6HS	NPT 3/4"	255kgf/cm²
8HS	NPT 1"	204kgf/cm²

※ ISO 7241-1 A type standard

PLUG

Model	Application	Max. Working Pressure
2HP	NPT 1/4"	321kgf/cm²
3HP	NPT 3/8"	321kgf/cm²
4HP	NPT 1/2"	255kgf/cm²
6HP	NPT 3/4"	255kgf/cm²
8HP	NPT 1"	204kgf/cm²

FLAT FACE HYDRAULIC COUPLER

SOCKET

Model	Application	Max. Working Pressure
FFS83	NPT 3/8"	700kgf/cm²
FFS21	NPT 1/2"	700kgf/cm²

PLUG

Model	Application	Max. Working Pressure
FFP83	NPT 3/8"	700kgf/cm²
FFP21	NPT 1/2"	700kgf/cm²

HYDRAULIC JACK COUPLER

Ball Type : Since the valve has a metal to metal airtight type, there may be a small amount of oil leaking when disconnected.

Non Leak Type : Since valve has a special rubber packing on both sides of the female and male, there is no leakage of oil.

FEMALE (Ball Type)

Model	Application	Max. Working Pressure
JFB83	NPT 3/8"	700kgf/cm²
JFB21	NPT 1/2"	700kgf/cm²

MALE (Ball Type)

Model	Application	Max. Working Pressure
JMB83	NPT 3/8"	700kgf/cm²
JMB21	NPT 1/2"	700kgf/cm²

FEMALE (Non Leak Type)

Model	Application	Max. Working Pressure
JFN83	NPT 3/8"	700kgf/cm²
JFN21	NPT 1/2"	700kgf/cm²

MALE (Non Leak Type)

Model	Application	Max. Working Pressure
JMN83	NPT 3/8"	700kgf/cm²
JMN21	NPT 1/2"	700kgf/cm²