

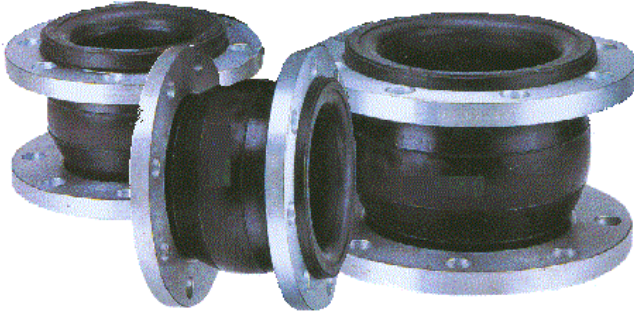


PLAS FLEX

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PLAS RUBBER FLEX Series TS (Single-sphere Connectors with Flanges)

PLAS RUBBER FLEX Series TS are designed for tough demanding industrial applications.



Applications:

- Air Conditioning-Heating and Ventilating System
- Chemical-Petrochemical and Industrial Process Piping System
- Power Generating System
- Material Service
- Pulp & Paper System
- Water-Wastewater Sewage and Pollution Control System

Installed next to mechanical equipment or between the anchor points of piping system, specify the **PLAS** Series TS and TT

1. Absorb Pipe/Movement/Stress.
2. Decrease Systems Noise.
3. Isolate Vibration.
4. Compensate alignment/offset
5. Eliminate Electrolysis
6. Protect Against Start up / Surge Forces

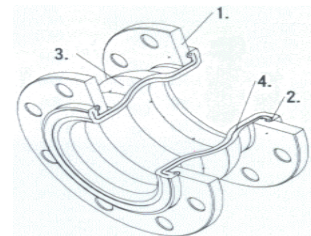
PLAS RUBBER FLEX Series TS are ideal in heating and air conditioning systems, where low initial cost and maximum reliability are a must. The TS connectors have EPDM cover, providing excellent resistance to sunlight, ozone, oxidation and is resistant to damage from dropping oil. The unit has EPDM tube, which is good for hot, and cold-water service & mild chemicals. The fully molded Single Sphere design provides greater flexibility, thus protecting mating flanges, especially PVC and fiberglass types. The steel flanges easily rotate on the bellows, which makes it easier to line up the bolt holes during installation when mating flanges are out of line. Separate retaining rings are never required. With a temperature rating of -20°C to 100°C, the standard sizes range from 1" through 12" I.D. can be with the working pressure at 228 psi, Sizes 14" through 24" have working pressure at 114 psi.

Flange Connection:

PN10, JIS10K, ANSI150

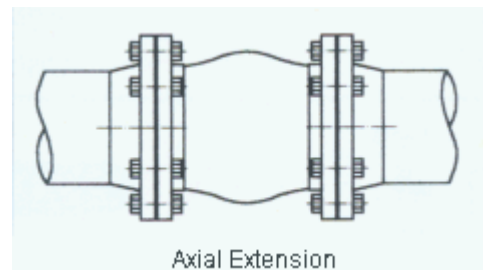
The configuration of PLAS RUBBER FLEX Series TS

<u>Item</u>	<u>Part</u>	<u>Material</u>
1.	Flanges	SS41 (Changeable)
2.	Wire	Carbon Steel Wires Strand
3.	Elastomer	Special Synthetic Rubber
4.	Reinforcing Fabric	Synthetic Fiber



Allowable movements

The **PLAS RUBBER FLEX** Series of single-sphere connectors (with flanges) have allowable movements to axial compression, lateral movements & angular deflections, (as per the drawing on the right side). We also offer Japanese, American and German system for size from 1" to 24".



Axial Extension

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Japanese size (JIS)

Item no.	Size I.D.	L	F ϕ	Compression	Extension	Lateral	Angular
TS-101	1 inch (25 mm)	95mm	60 mm	8mm	4mm	8mm	15°
TS-101Q	1¼ Inch (32 mm)	95mm	68 mm	8mm	4mm	8mm	15°
TS-101H	1½ inch (40 mm)	95mm	68 mm	8mm	4mm	8mm	15°
TS-102	2 inch (50 mm)	105mm	86 mm	8mm	5mm	8mm	15°
TS-102H	2½ inch (65 mm)	115mm	105 mm	12mm	6mm	10mm	15°
TS-103	3 inch (80 mm)	130mm	115 mm	12mm	6mm	10mm	15°
TS-104	4 inch (100 mm)	135mm	150 mm	18mm	10mm	12mm	15°
TS-105	5 inch (125 mm)	170mm	179 mm	18mm	10mm	12mm	15°
TS-106	6 inch (150 mm)	180mm	210 mm	18mm	10mm	12mm	15°
TS-108	8 inch (200 mm)	205mm	260 mm	25mm	14mm	22mm	15°
TS-110	10 inch (250 mm)	240mm	320 mm	25mm	14mm	22mm	15°
TS-112	12 inch (300 mm)	260mm	367 mm	25mm	14mm	22mm	15°
TS-114	14 inch (350 mm)	265mm	408 mm	25mm	16mm	22mm	15°
TS-116	16 inch (400 mm)	265mm	472 mm	25mm	16mm	22mm	15°
TS-118	18 inch (450 mm)	265mm	522 mm	25mm	16mm	22mm	15°
TS-120	20 inch (500 mm)	265mm	570 mm	25mm	16mm	22mm	15°
TS-124	24 inch (600 mm)	254mm	689 mm	19mm	13mm	19mm	15°

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American size (ANSI)

Item no.	Size I.D.	L	F ϕ	Compression	Extension	Lateral	Angular
TS-201	1 inch (25 mm)	6"	60 mm	1/2"	3/8"	1/2"	15°
TS-201Q	1¼ Inch (32 mm)	6"	68 mm	1/2"	3/8"	1/2"	15°
TS-201H	1½ inch (40 mm)	6"	68 mm	1/2"	3/8"	1/2"	15°
TS-202	2 inch (50 mm)	6"	86 mm	1/2"	3/8"	1/2"	15°
TS-202H	2½ inch (65 mm)	6"	105 mm	1/2"	3/8"	1/2"	15°
TS-203	3 inch (80 mm)	6"	115 mm	1/2"	3/8"	1/2"	15°
TS-204	4 inch (100 mm)	6"	150 mm	5/8"	3/8"	1/2"	15°
TS-205	5 inch (125 mm)	6"	179 mm	5/8"	3/8"	1/2"	15°
TS-206	6 inch (150 mm)	6"	210 mm	5/8"	3/8"	1/2"	15°
TS-208	8 inch (200 mm)	6"	260 mm	5/8"	3/8"	1/2"	15°
TS-210	10 inch (250 mm)	8"	320 mm	5/8"	1/2"	3/4"	15°
TS-212	12 inch (300 mm)	8"	367 mm	3/4"	1/2"	3/4"	15°
TS-214	14 inch (350 mm)	8"	408 mm	3/4"	1/2"	3/4"	15°
TS-216	16 inch (400 mm)	8"	472 mm	3/4"	1/2"	3/4"	15°
TS-218	18 inch (450 mm)	8"	522 mm	3/4"	1/2"	3/4"	15°
TS-220	20 inch (500 mm)	8"	570 mm	3/4"	1/2"	3/4"	15°
TS-224	24 inch (600 mm)	10"	689 mm	3/4"	1/2"	3/4"	15°

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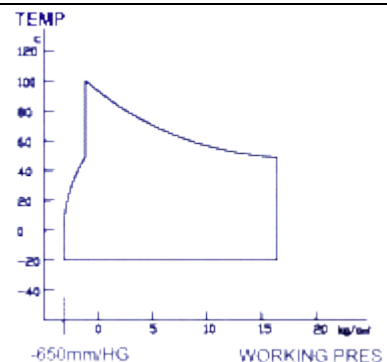
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German size (PN)

Item no.	Size I.D.	L	F ϕ	Compression	Extension	Lateral	Angular
TS-301	1 inch (25 mm)	130 mm	60 mm	12 mm	9 mm	12 mm	15°
TS-301Q	1¼ Inch (32 mm)	130 mm	68 mm	12 mm	9 mm	12 mm	15°
TS-301H	1½ inch (40 mm)	130 mm	68 mm	12 mm	9 mm	12 mm	15°
TS-302	2 inch (50 mm)	130 mm	86 mm	12 mm	9 mm	12 mm	15°
TS-2302H	2½ inch (65 mm)	130 mm	105 mm	12 mm	9 mm	12 mm	15°
TS-303	3 inch (80 mm)	130 mm	115 mm	12 mm	9 mm	12 mm	15°
TS-304	4 inch (100 mm)	130 mm	150 mm	14 mm	9 mm	14 mm	15°
TS-305	5 inch (125 mm)	130 mm	179 mm	14 mm	9 mm	14 mm	15°
TS-306	6 inch (150 mm)	130 mm	210 mm	14 mm	9 mm	14 mm	15°
TS-308	8 inch (200 mm)	130 mm	260 mm	14 mm	9 mm	14 mm	15°
TS-310	10 inch (250 mm)	130 mm	320 mm	14 mm	9 mm	14 mm	15°
TS-312	12 inch (300 mm)	130 mm	367 mm	16 mm	9 mm	16 mm	15°

Operating conditions:

Size I.D.	1" ~ 12"	4" ~ 24"	
	25mm ~ 300mm	350mm ~ 600mm	
	PSIG	PSIG	
Working Pressure	228	114	
Burst Pressure	854	342	
Vacuum Rating	650 mm/Hg		
Temperature	-20°C ~ 100°C / -4°F ~ 212°F		



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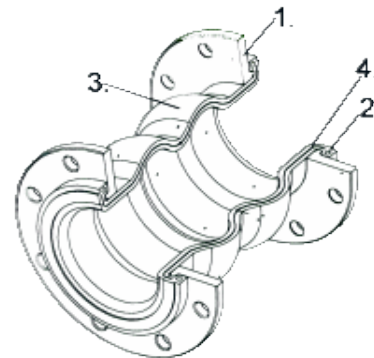
PLAS RUBBER FLEX Series TT (Twin-sphere Connectors with Flanges)



PLASFLEX Series TT (Twin-Sphere Connectors with flange) is ideal in heating and air conditioning systems where low initial cost and maximum reliability are a must. The TT Connectors are Twin-Sphere joint with EPDM cover and EPDM tube. It provides excellent resistance to ozone and sunlight aging and oxidation. The unit has an EPDM tube, which is good for hot and cold-water and chemicals. . The Twin-Spherical design not only provides a high pressure rating, also provide greater flexibility, thus protecting mating flanges, especially PVC and fiberglass types. The steel flanges easily rotate on the bellows, which makes it easier to line up the bolt holes during installation when mating flanges are out of line. Separate retaining rings are never required. Flanges are of zinc-plated steel with a steel bead (flange retainer). Standard sizes range from 1½" through 12" I.D., with a operating pressures at 228 psi at -20°C ~ 100° C., and 14" I.D. through 20" with operating pressures at 114 psi at -20°C ~ 100° C.

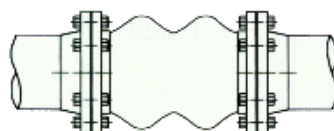
The material of PLASFLEX series TT Rubber Joint

<u>Item</u>	<u>PART</u>	<u>Material</u>
1.	Flanges	SS41 (Changeable)
2.	Wire	Carbon Steel Wires Strand
3.	Elastomer	Special Synthetic Rubber
4.	Reinforcing Fabric	Synthetic Fiber



Allowable movements

Same as Series of TS (PLAS single sphere), The PLAS Series of Twin-sphere connectors (with flanges) have allowable movements to axial compression, lateral movements & angular deflections, (as per the drawing here in below).



Axial Extension

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Operating conditions:			
Size I.D.	1"~ 12" 25mm ~ 300mm	4"~20" 350mm ~ 600mm	<p>TEMP 120 100 80 60 40 20 0 -20 -40</p> <p>WORKING PRES -650mmHG 0 5 10 15 20 kg/cm²</p>
	PSIG	PSIG	
Working Pressure	228	114	
Burst Pressure	854	342	
Vacuum Rating	650 mm/Hg		
Temperature	-20°C ~ 100°C / -4°F ~ 212°F		

Item no.	Size I.D.	L	F ϕ	Compression	Extension	Lateral	Angular
TT-101H	1½ inch (40 mm)	175mm	68 mm	50mm	30mm	45mm	35°
TT-102	2 inch (50 mm)	175mm	86 mm	50mm	30mm	45mm	35°
TT-102H	2½ inch (65 mm)	175mm	105 mm	50mm	30mm	45mm	35°
TT-103	3 inch (80 mm)	175mm	115 mm	50mm	30mm	45mm	35°
TT-104	4 inch (100 mm)	225mm	150 mm	50mm	35mm	40mm	35°
TT-105	5 inch (125 mm)	225mm	179 mm	50mm	35mm	40mm	35°
TT-106	6 inch (150 mm)	225mm	210 mm	50mm	35mm	40mm	35°
TT-108	8 inch (200 mm)	325mm	260 mm	60mm	35mm	35mm	30°
TT-110	10 inch (250 mm)	325mm	320 mm	60mm	35mm	35mm	30°
TT-112	12 inch (300 mm)	325mm	367 mm	60mm	35mm	35mm	30°
TT-114	14 inch (350 mm)	350mm	408 mm	40mm	30mm	30mm	20°
TT-116	16 inch (400 mm)	350mm	472 mm	40mm	30mm	30mm	20°
TT-118	18 inch (450 mm)	350mm	522 mm	40mm	30mm	30mm	20°
TT-120	20 inch (500 mm)	350mm	570 mm	40mm	30mm	30mm	20°

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PLAS RUBBER FLEX Series TU (Twin-sphere Connectors with union threads)



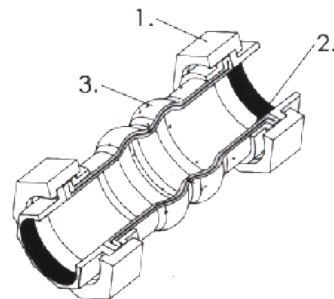
PLASFLEX Series TU is designed for supply and distribution pipeline service or to connect piping to specific equipment application such as: Pumps, Chillers, Cooling Towers, Compressors, Blowers, Fans, Absorption Machines, etc. Installed next to mechanical equipment or between the anchor points of piping systems, specify the **PLASFLEX** Series TU to

- | | |
|------------------------------------|--|
| 1. Absorb Pipe / Movement / Stress | 4. Compensate alignment / Offset |
| 2. Decrease Systems Noise | 5. Eliminate Electrolysis |
| 3. Isolate Vibration | 6. Protect Against Start up / Surge Forces |

PLASFLEX Series TU is engineered for tough, demanding industrial and commercial application, as found in: Air conditioning, Heating and Ventilating systems, Chemical, Petrochemical and Industrial Process Piping systems, Power generating plants, Steel mills, Marine service, Pulp & Paper systems, Water-wastewater sewage and pollution control systems.

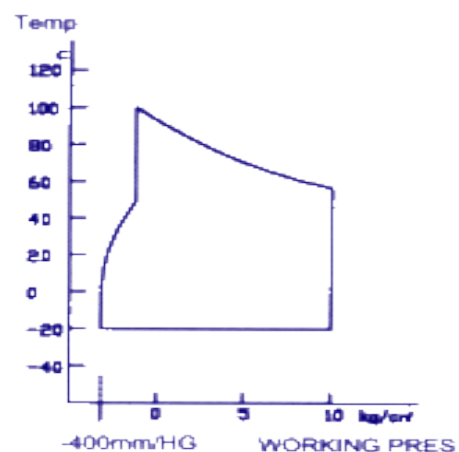
The material of PLASFLEX Series TU

Item	Part	Material
1.	Union	FB32
2.	Reinforcing Cloth	Nylon Fabric
3.	Elastomer	Synthetic Rubber



Operating conditions:

Size I.D.	1/2 " ~ 3" 15mm ~ 80mm	
	PSIG	kPa
Working Pressure	142	982
Burst Pressure	711	4,905
Pressure Rating	90	621
Vacuum Rating	400 mm/Hg	
Temperature Range	-20°C ~ 100°C / -4°F ~ 212°F	



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Products list

Item no.	Size I.D.	L	Compression	Extension	Lateral	Angular
TU ½	½ inch (15 mm)	203mm	22mm	6mm	22mm	30°
TU ¾	¾ inch (20 mm)	203mm	22mm	6mm	22mm	30°
TU 1	1 inch (25 mm)	203mm	22mm	6mm	22mm	25°
TU 1-¼	1-¼ inch (32 mm)	203mm	22mm	6mm	22mm	25°
TU 1-½	1-½ inch (40 mm)	203mm	22mm	6mm	22mm	20°
TU 2	2 inch (50 mm)	203mm	22mm	6mm	22mm	15°
TU 2-½	2-½ inch (65 mm)	225mm	22mm	6mm	22mm	12°
TU- 3	3 inch (80 mm)	225mm	22mm	6mm	22mm	10°



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PLASFLEX BRAIDED METAL FLEXIBLE JOINTS



PLASFLEX braided metal flexible joints are designed to control vibration, reduce noise, relieve stress, prevent system shock and compensate for misalignment and movement. Use of **PLASFLEX** braided metal flexible joints for applications such as pumps, compressors, and other mechanical equipment will enhance the overall operation of the system.

Flexible hose by itself, when subjected to high pressure can over-extend past the ability to operate properly it is necessary, therefore, to include an external flexible restraint (i.e. braid) to withstand the specified internal pressure and fastened to the ends of both hose and fittings. This braid sheath is designed to be strong enough to withstand elongation for the full pressure rating of the hose.

APPLICATION:

PLASFLEX expansion joints are available for 1/2 to 24 inches diameters and can be used widely in building services industry and other general industrial uses.

- Designed to accommodate vibration and thermal expansion to reduce transmission of noise on a wide range of systems.
- Steam, condense, hot water, land heating and air conditioning systems.
- Power generation plant, offshore (gas and oil rigs), problem.
- Marine service
- Food and sanitary lines
- Asphalt Transfer in Tank Truck and Terminal Operations
- Chemicals Transfers in tank truck and terminal operations

ADVANTAGES OF FLEXIBLE METAL HOSES

Material: STAINLESS STEEL SUS 304 GRADE

- High physical strength
- Suitable for elevated temperature (300 °C).
- Long life (When installed correctly).
- Good corrosion resistant characteristics.
- Fire resistant (recommended for uses as a pump or equipment connector in fire protection systems).



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MODES OF MOVEMENT FOR FLEXIBLE METAL HOSES USE



- **Static Installations:** Where the Flexible hose is used to connect pipe work out of alignment and remain in static position.
- **Occasional Flexing:** When the hose is only required to flex occasionally such as manual handling.
- **Constant Flexing:** When the hose is required to flex continuously, usually on moving machinery.
- **Vibration:** High frequency, low amplitude movement, i.e. on a pump or compressor.

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PLASFLEX METAL PUMP CONNECTOR

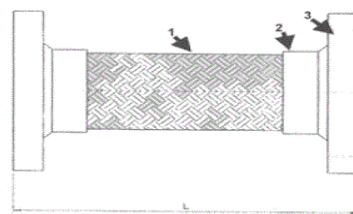


PLASFLEX Braided Flexible Pump connectors are assembled using high quality metal hose and high strength braid, and fitted with fixed mild steel flanges. Their standard length is 300 mm. They are designed for optimum performance in vibration applications where axial motion does not occur. Metal Pump Connector Series are idea for absorbing vibration and reducing noise. They are easily installed and reduce the possibility of pump failure.

ANSI 150 flange is our standard stock. Other flange standards are available upon request. SUS 304 flanges

Configuration

Part	Part name	Material
1	Corrugated Hose and Wire Braid	SUS 304
2	Hose Collar	SUS 304
3	Fixed Flange	Carbon Steel



Size (Inch)	Length (mm)	Static Lateral Offset (mm)	Working Pressure (psi)
1"	300	40	225
1.1/4"	300	40	225
1.1/2"	300	38	225
2"	300	30	225
2.1/2"	300	25	225
3"	300	20	225
4"	300	9	225
5"	300	7	150
6"	300	7	150
8"	300	7	150
10"	300	7	150
12"	300	7	150

Max. Working Temperature: 300°C

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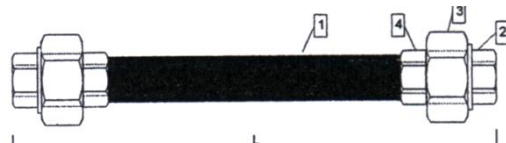
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PLASFLEX Screwed End Metal Flexible Connector



PLAS braided flexible Connectors are assembled using high quality metal hose and high strength braid, and fitted with BSP-thread unions made of galvanized malleable iron. 2 standard lengths are available: 300 mm and 500 mm



Configuration

Part	Part name	Material
1	Corrugated Hose and Wire Braid	SUS 304
2	Union Screw	Galv.Malleable Iron
3	Union Nut	Galv.Malleable Iron
4	Union Sleeve	Galv.Malleable Iron

Max. Working Temperature: 220 °C

Size (Inch)	Standard Length (1)(mm)	Standard Length (2)(mm)	Static Lateral Offset (mm)		Working Pressure (psi)
			at L=300 mm	at L=500 mm	
1/2"	300	500	35	75	225
3/4"	300	500	32	70	225
1"	300	500	28	65	225
1.1/4"	300	500	23	62	200
1.1/2"	300	500	15	55	150
2"	300	500	12	45	150

The 300mm-long can be used as pump connectors to isolate pump vibration. **PLAS Screwed End braided flexible Connectors Series** are ideal for absorbing vibration, misalignment, and possible offsets on piping system



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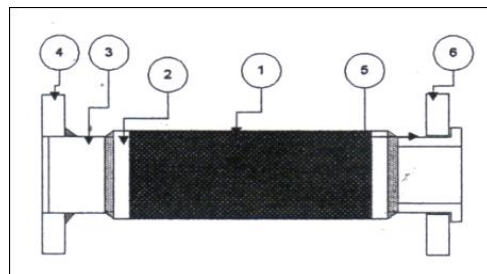
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PLASFLEX Braided Metallic Flexible Hose Assemblies (Flexible Joint)



Metallic hose range of products is ideal for many industries and applications. It is especially suited to gas supply and the transfer of steam, chemicals, food processing, hot water systems and conduit



Configuration

Part	Part name	Material
1	Corrugated Hose and Wire Braid	SUS 304
2	Collar	Steel
3	Short Pipe	Carbon Steel (***)
4	Fixed Flange	Carbon Steel (***)
5	Lap Joint	Carbon Steel (***)
6	Floating Flange	Carbon Steel (***)

(***) Optional Material: SUS 304



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Available Flange Drilling Standard: (Single Blade)

JIS 10K, ANSI 150 and 300, PN 10 and 16

Size (Inch)	Standard Length (1)(mm)	Standard Length (2)(mm)	Static Lateral Offset (mm)		Working Pressure (psi)
			at L=300 mm	at L=500 mm	
1"	500	700	66	130	225
1.1/4"	500	700	65	110	225
1.1/2"	500	700	62	105	225
2"	500	700	62	97	200
2.1/2"	500	700	61	94	150
3"	500	700	53	90	150
4"	500	700	37	75	150
5"	500	700	26	62	150
6"	500	700	16	45	150
8"	500	700	13	38	150
10"	500	700	11	22	150
12"	500	700	9	19	150

Remark : Double Blade is available for working pressure about 300 psi .

Installation Suggestion

Don'ts....

...Wrench flexible connectors on the hose or collar.

...Twist hose assemblies during installation or when aligning the bolt holes in a flange or when making up pipe threads.

....“Pre-Flex” a flexible connector to limber it up. Over-bending could cause damage and result in leakage.

...Over-bend a flexible connector. A 45⁰ -90⁰ bend should be sufficient to install any flexible connector.

...Install a flexible connector with the bend next to the end fittings. This could cause damage and result in leakage.

...Lay the flexible connector on rocks or objects which could puncture the hose and cause leakage.

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PLASFLEX DRAIN JOINT

Drain Rubber Flexible Joint for Low Pressure Service



PLASFLEX Drain Joint is designed to slip over straight pipe ends and held securely to the pipe end with stainless steel clamps. And, this makes installation of PLASFLEX Drain Joint very easy. PLASFLEX Drain Joint are recommended for low pressure service because of the difficulty of obtaining adequate clamp sealing.

With the quality natural rubber (NR) selected and steel reinforcing wire, PLASFLEX Drain Joint can absorb 50-mm lateral movement. This makes it the best choice in drainage and other low-pressure systems. In addition, the steel reinforcing wires enables PLASFLEX Drain Joint to be used for underground services without deformation or failure.

Specification:

PLASFLEX Drain Joint is made of natural rubber for inner tube and outer cover, and reinforced with reinforcing fabric and steel wire.

- Max. Temperature: 60°C
- Max. Working Pressure: 5 bar
- Applicable Fluid: Water, Air, Non-corrosive

Nominal Pipe Size (Inch)	Length (Feet)	Lateral Movement (mm)
1"	1	50
1.1/4"	1	50
1.1/2"	1	50
2"	1	50
2.1/2"	1	50
3"	1.1/2	50
4"	1.1/2	50
5"	1.1/2	50
6"	1.1/2	50
8"	1.1/2	50

Note:

- ◆ Pipe outside diameters must be clean and smooth.
- ◆ Periodic tightening of clamps may be necessary.
- ◆ Pipelines should be axially aligned in order to achieve the intended services.
- ◆ If working pressure is not over the designed figure, fixed points may not be required.



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PLASFLEX DRAIN JOINT

Drain Rubber Flexible Joint for Low Pressure Service

คุณลักษณะผลิตภัณฑ์

การใช้งาน	ใช้สำหรับเป็นข้อต่อท่อคูลส่งน้ำและของเหลวอื่นๆ ที่ไม่มีฤทธิ์กัดกร่อน
ท่อชั้นใน	ยางธรรมชาติ
ชั้นวัสดุเสริมแรง	ชั้นวัสดุเสริมแรงประกอบด้วยโครงสร้างเหล็กและชั้นผ้าใบชนิดที่มีความต้านทานต่อแรงดึงสูง
ท่อชั้นนอก	ด้านนอกหุ้มด้วยยางธรรมชาติชนิดที่ทนต่อสภาพอากาศ
สี	ดำ
ลักษณะผิว	ผิวเป็นลายผ้า, ผิวเรียบ, หรือผิวเป็นลอน
ขนาด Id ของท่อ	2 นิ้ว – 12 นิ้ว
ความยาว	30, 45, 60 เซนติเมตร (ปรับความยาวได้ตามต้องการ)
อุณหภูมิใช้งาน	0 – 80 °C
แรงดันใช้งาน	0.5 bar
Safety Factor	3 : 1
การรับแรงเยื้องตัว	สามารถรับแรงเยื้องตัวได้ 50 มิลลิเมตร

นอกจากนี้เราสามารถออกแบบและผลิตตามต้องการได้

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PLAS FLEX HOSE – NCR SERIES

General Flex hose / straight end type (ท่ออ่อน)

การใช้งาน	ใช้ในการเชื่อมต่อระหว่างท่อ เพื่อส่งผ่านลม, น้ำ และสารที่ไม่ฤทธิ์กัดกร่อน (ออกแบบพิเศษให้เหมาะกับการใช้งานฝังดิน)
ยางชั้นใน	ยางสังเคราะห์
ชั้นเสริมแรง	ผ้าใบความยืดหยุ่นสูง พร้อมเส้นลวดเสริมแรง
ยางชั้นนอก	ยางสังเคราะห์ทนการขีดข่วน และสภาพอากาศได้ดี
สี	ดำ
ผิวนอก	พื้นผ้า, ตัวหอน
อุณหภูมิใช้งาน	-20 °C ถึง + 80 °C
รัศมีโค้งงอต่ำสุด	6 เท่าของวงใน
ค่าเผื่อปลอดภัย	1.5 : 1
ความยาวมาตรฐาน	1 ฟุต, 1½ ฟุต, 2 ฟุต, 1 เมตร



รหัสสินค้า				วงใน		วงนอก	แรงดันใช้งาน	
1 ฟุต	1 ½ ฟุต	2 ฟุต	1 เมตร	นิ้ว	มม.	มม.	กก/ชม ²	PSI
BF1000	BF1500	BF2000	BF0100	3/4	19.1	34.1	5	75
BF1001	BF1501	BF2001	BF0101	1	25.4	40.4		
BF1002	BF1502	BF2002	BF0102	1.1/4	31.8	46.8		
BF1003	BF1503	BF2003	BF0103	1.1/2	38.1	53.1	4	60
BF1004	BF1504	BF2004	BF0104	1.3/4	44.5	59.5		
BF1005	BF1505	BF2005	BF0105	2	50.8	65.8		
BF1006	BF1506	BF2006	BF0106	2.1/4	57.2	72.2	3	45
BF1007	BF1507	BF2007	BF0107	2.1/2	63.5	78.5		
BF1008	BF1508	BF2008	BF0108	2.3/4	69.9	84.9		
BF1009	BF1509	BF2009	BF0109	3	76.2	94.2		
BF1010	BF1510	BF2010	BF0110	3.1/4	82.6	100.6		
BF1011	BF1511	BF2011	BF0111	3.1/2	88.9	106.9		
BF1012	BF1512	BF2012	BF0112	3.3/4	95.3	113.3	2	30
BF1013	BF1513	BF2013	BF0113	4	101.6	119.6		
BF1014	BF1514	BF2014	BF0114	4.1/4	108.0	126.0		
BF1015	BF1515	BF2015	BF0115	4.1/2	114.3	132.3		

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BF1016	BF1516	BF2016	BF0116	5	127.0	151.0		
BF1017	BF1517	BF2017	BF0117	5.1/2	139.7	163.7		
BF1018	BF1518	BF2018	BF0118	6	152.4	176.4		
BF1019	BF1519	BF2019	BF0119	6.1/2	165.1	189.1		

PLASFLEX – NCR SERIES (TYPE: TWIN SPHERES)

ตัวอย่างข้อต่อพร้อมหน้าแปลน

จุดเด่น

1. ยึดหยุ่นสูง
2. อายุการใช้งานทนทาน ยาวนาน
3. สินค้าคุณภาพ รับประกัน 2 ปี (นับจากวันที่ซื้อ)

คุณลักษณะ

- เหมาะสำหรับการใช้ส่งน้ำ น้ำอุ่น น้ำเค็ม ระบบท่อน้ำกรด หรือต่างอย่างอ่อน ๆ
- สำหรับงานดูดและอัดแรงดัน : ด้วยเทคโนโลยีในการผสมคุณสมบัติของยางและผ้าใบเสริมแรง ทำให้ PLASFLEX สามารถใช้ดูดส่งน้ำและอัดด้วยแรงดัน โดยท่อไม่ยุบตัว
- อุณหภูมิในการใช้งาน: -20 ถึง + 80 องศาเซลเซียส
- ทนต่อแรงยืดและหดตัว: PLASFLEX มีคุณสมบัติเด่นในการทนต่อการหดตัวถึง 40 มิลลิเมตร และทนต่อการยืดตัวถึง 20 มิลลิเมตร ซึ่งมักเกิดได้จากการทรุดตัวของดิน และการเปลี่ยนแปลงความร้อนในอากาศ
- การลดเสียงและแรงสั่นสะเทือน: PLASFLEX สามารถลดเสียงและป้องกันความเสียหายจากแรงสั่นสะเทือนจากปั๊มน้ำได้ดีมาก
- ติดตั้งง่าย: ด้วยการออกแบบให้ใช้กับหน้าแปลนที่เป็นมาตรฐาน (ANSI 150, JIS 10 K, PN 10) โดยไม่ต้องใช้ประเก็นในการติดตั้งท่อ ทำให้ PLASFLEX สามารถประกอบหรือถอดออกจากระบบท่อที่มีหน้าแปลนเดิมได้อย่างสะดวกและรวดเร็ว

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****** ในกรณีที่ลูกค้าต้องการใช้ PLASFLEX กับ การสูบลำดันน้ำมัน แก๊ส และน้ำร้อน โปรดปรึกษาฝ่าย

ขาย

The material of PLASFLEX series NCR

<u>Item</u>	<u>PART</u>	<u>Material</u>
1.	Flanges	FCD / SS400 / SUS304
2.	Wire	Carbon Steel
3&4	Inner & Outer rubber	Synthetic Rubber
5.	Reinforcement	Synthetic Fiber

Part no.		Ø (d) (mm)	Dimension		Pressure		Allowable movement			
ANSI 150	JIS 10 K		Length (mm)	Outer Dia (mm)	Working (bar)	Burst (bar)	A.E. (mm)	A.C. (mm)	L.M. (mm)	A.M. (mm)
BK2050A1	BK2050J1	50	175	96	20	55	10	20	20	30
BK2065A1	BK2065J1	65	175	115	20	55	10	20	20	30
BK2080A1	BK2080J1	80	175	125	20	55	10	20	20	30
BK2100A1	BK2100J1	100	225	152	20	55	15	30	25	30
BK2125A1	BK2125J1	125	225	182	20	55	15	30	25	30
BK2150A1	BK2150J1	150	225	212	20	55	15	30	25	30
BK2200A1	BK2200J1	200	325	263	16	55	20	40	30	30
BK2250A1	BK2250J1	250	325	322	16	55	20	40	30	30
BK2300A1	BK2300J1	300	325	370	16	55	20	40	30	30

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