



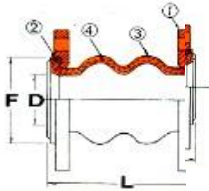
# ARMFLEX

## Rubber Expansion Joint

Item No. **AMT**

Name

**TWIN-SPHERE with Floating Flanges to PN16 / JIS 10K  
(Other Standards Upon Request)**

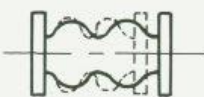


SYMBOL	PART	ENGINEERING MATERIAL
1	FLANGES	GALVANIZED MILD STEEL / STAINLESS STEEL (304 / 316)
2	WIRE	CARBON STEEL WIRES STRAND
3	ELASTOMER	SPECIAL SYNTHETIC RUBBER
4	REINFORCING FARBIC	SYNTHETIC FIBER

Item	Size (In)	L	DØ	FØ	Allowable Movements			
					Axial		Trans Move	Angular Deflection
					Comp	Elong		
AMT-101N	1-1/4"	175mm	35mm	69mm	50mm	30mm	45mm	35°
AMT-101H	1-1/2"	175	40	69	50	30	45	35°
AMT-102	2"	175	52	86	50	30	45	35°
AMT-102H	2-1/2"	175	68	106	50	30	45	35°
AMT-103	3"	175	76	116	50	30	45	35°
AMT-104	4"	225	103	150	50	35	40	35°
AMT-105	5"	225	128	180	50	35	40	35°
AMT-106	6"	225	152	209	50	35	40	35°
AMT-108	8"	325	194	260	60	35	35	30°
AMT-110	10"	325	250	320	60	35	35	30°
AMT-112	12"	325	300	367	60	35	35	30°
AMT-114	14"	350	320	408	40	30	30	20°
AMT-116	16"	350	372	472	40	30	30	20°
AMT-118	18"	350	415	522	40	30	30	20°
AMT-120	20"	350	454	570	40	30	30	20°
AMT-124	24"	350	580	690	40	30	30	20°

### Allowable Movements

1. Axial Compression



2. Axial Elongation



3. Transverse Movement



4. Angular Deflection



### OPERATING CONDITIONS

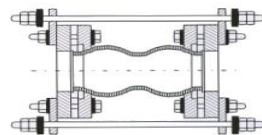
- Operating Pressure
- Burst Pressure
- Vacuum Rating
- Temperature

### AMT

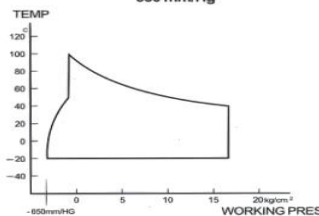
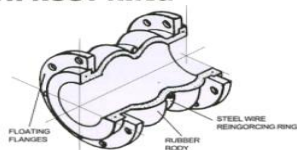
(1-1/2" -12") (14" -24")  
16 kg/cm<sup>2</sup> 8 kg/cm<sup>2</sup>  
60 kg/cm<sup>2</sup> 24 kg/cm<sup>2</sup>  
650 mm/Hg

### AMTH

(1-12") (14" -24")  
25 kg/cm<sup>2</sup> 16 kg/cm<sup>2</sup>  
75 kg/cm<sup>2</sup> 48 kg/cm<sup>2</sup>  
650 mm/Hg



### AMT WITH ROOT RING



ROOT RING MUST BE INSTALLED WHEN PRESSURE (TEST SURGE OPERATING) EXCEEDS THE RATING BELOW:

5" (125MM) THRU 10" (250MM) - 135 PSIG  
12" (300MM) THRU 14" (350MM) - 91 PSIG  
16" (400MM) THRU 24" (600MM) - 45 PSIG

Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Hoi Luen Hardware Co. Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.



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