



# MAXFIX MAXFIX-STAND

## HIGH DENSITY & COMPRESSIVE RESISTANCE PIPE SUPPORT

- High Density Material PUR/PIR  
(โฟมรองท่อด้านหนาแน่นสูง)
- Environmental friendly Material (No Fiber, CFC Free)  
(ไม่มีเส้นใย, ไม่มีส่วนผสม ของสาร CFC)
- Long years service of Steady Low thermal conductivity  
(ค่าการนำความร้อนต่ำ มีอายุการใช้งานยาวนาน)
- Moisture & Water Vapor Diffusion Resistance  
(มีค่าการต้านทานการซึมผ่านน้ำและความชื้นได้ดี)
- Quick, Easy and Safety to installation  
(ติดตั้งรวดเร็ว, ง่ายและปลอดภัย)

MAXFIX / MAXFIX-STAND aim to use environmental friendly material and closed cell, rigid structure in our product is PUR/PIR (Free CFC) with an OZONE Depletion Potential of ZERO. The product was designed for supporting and insulating liquid cooling and heating lines at hanging point to prevent condensation and saving energy.

MAXFIX / MAXFIX-STAND core is made of high density of 160-250 kg/m<sup>3</sup> for supporting of pipe weight. The product is covered by black anti-condensation film to prevent vapor for the PUR/PIR core.

| Cu tube |         | Iron Pipe | Thickness 1/2" (13mm) |              |             | Thickness 3/4" (19mm) |              |             | Thickness 1" (25mm) |              |             | Thickness 1-1/4" (32mm) |              |             | Thickness 1-1/2" (38mm) |              |             | Thickness 2" (50mm) |              |             |
|---------|---------|-----------|-----------------------|--------------|-------------|-----------------------|--------------|-------------|---------------------|--------------|-------------|-------------------------|--------------|-------------|-------------------------|--------------|-------------|---------------------|--------------|-------------|
| mm      | in.     | in (IPS)  | MAXFIX                | MAXFIX STAND | Length (mm) | MAXFIX                | MAXFIX STAND | Length (mm) | MAXFIX              | MAXFIX STAND | Length (mm) | MAXFIX                  | MAXFIX STAND | Length (mm) | MAXFIX                  | MAXFIX STAND | Length (mm) | MAXFIX              | MAXFIX STAND | Length (mm) |
| 10      | 3/8"    | -         | MFPSS10               | MSSS10       | 38          | MFPSM10               | MSSM10       | 38          | MFPSM10             | MSMS10       | 38          | MFPMM10                 | MSMM10       | 38          | MFPMH10                 | MSMH10       | 38          | MFPHH10             | MSHH10       | 38          |
| 12      | 1/2"    | 1/4"      | MFPSS12               | MSSS12       | 38          | MFPSM12               | MSSM12       | 38          | MFPSM12             | MSMS12       | 38          | MFPMM12                 | MSMM12       | 38          | MFPMH12                 | MSMH12       | 38          | MFPHH12             | MSHH12       | 38          |
| 15      | 5/8"    | 3/8"      | MFPSS15               | MSSS15       | 38          | MFPSM15               | MSSM15       | 38          | MFPSM15             | MSMS15       | 38          | MFPMM15                 | MSMM15       | 38          | MFPMH15                 | MSMH15       | 38          | MFPHH15             | MSHH15       | 38          |
| 20      | 3/4"    | -         | MFPSS20               | MSSS20       | 38          | MFPSM20               | MSSM20       | 38          | MFPSM20             | MSMS20       | 38          | MFPMM20                 | MSMM20       | 38          | MFPMH20                 | MSMH20       | 38          | MFPHH20             | MSHH20       | 38          |
| 22      | 7/8"    | 1/2"      | MFPSS22               | MSSS22       | 38          | MFPSM22               | MSSM22       | 38          | MFPSM22             | MSMS22       | 38          | MFPMM22                 | MSMM22       | 38          | MFPMH22                 | MSMH22       | 38          | MFPHH22             | MSHH22       | 38          |
| 25      | 1"      | -         | MFPSS25               | MSSS25       | 38          | MFPSM25               | MSSM25       | 38          | MFPSM25             | MSMS25       | 38          | MFPMM25                 | MSMM25       | 38          | MFPMH25                 | MSMH25       | 38          | MFPHH25             | MSHH25       | 38          |
| 28      | 1 1/8"  | 3/4"      | MFPSS28               | MSSS28       | 38          | MFPSM28               | MSSM28       | 38          | MFPSM28             | MSMS28       | 38          | MFPMM28                 | MSMM28       | 38          | MFPMH28                 | MSMH28       | 38          | MFPHH28             | MSHH28       | 38          |
| 32      | 1 1/4"  | -         | MFPSS32               | MSSS32       | 38          | MFPSM32               | MSSM32       | 38          | MFPSM32             | MSMS32       | 38          | MFPMM32                 | MSMM32       | 38          | MFPMH32                 | MSMH32       | 38          | MFPHH32             | MSHH32       | 38          |
| 35      | 1 3/8"  | 1"        | MFPSS35               | MSSS35       | 38          | MFPSM35               | MSSM35       | 38          | MFPSM35             | MSMS35       | 38          | MFPMM35                 | MSMM35       | 38          | MFPMH35                 | MSMH35       | 38          | MFPHH35             | MSHH35       | 38          |
| 38      | 1 1/2"  | -         | MFPSS38               | MSSS38       | 38          | MFPSM38               | MSSM38       | 38          | MFPSM38             | MSMS38       | 38          | MFPMM38                 | MSMM38       | 38          | MFPMH38                 | MSMH38       | 38          | MFPHH38             | MSHH38       | 38          |
| 42      | 1 5/8"  | 1 1/4"    | MFPSS42               | MSSS42       | 38          | MFPSM42               | MSSM42       | 38          | MFPSM42             | MSMS42       | 38          | MFPMM42                 | MSMM42       | 38          | MFPMH42                 | MSMH42       | 38          | MFPHH42             | MSHH42       | 38          |
| 48      | 1 7/8"  | 1 1/2"    | MFPSS48               | MSSS48       | 38          | MFPSM48               | MSSM48       | 38          | MFPSM48             | MSMS48       | 38          | MFPMM48                 | MSMM48       | 38          | MFPMH48                 | MSMH48       | 38          | MFPHH48             | MSHH48       | 38          |
| 54      | 2 1/8"  | -         | MFPSS54               | MSSS54       | 38          | MFPSM54               | MSSM54       | 38          | MFPSM54             | MSMS54       | 38          | MFPMM54                 | MSMM54       | 38          | MFPMH54                 | MSMH54       | 38          | MFPHH54             | MSHH54       | 38          |
| 60      | 2 3/8"  | 2"        | MFPSS60               | MSSS60       | 38          | MFPSM60               | MSSM60       | 38          | MFPSM60             | MSMS60       | 38          | MFPMM60                 | MSMM60       | 38          | MFPMH60                 | MSMH60       | 38          | MFPHH60             | MSHH60       | 38          |
| 67      | 2 5/8"  | -         | MFPSS67               | MSSS67       | 38          | MFPSM67               | MSSM67       | 38          | MFPSM67             | MSMS67       | 38          | MFPMM67                 | MSMM67       | 38          | MFPMH67                 | MSMH67       | 38          | MFPHH67             | MSHH67       | 38          |
| 73      | 2 7/8"  | -         | MFPSS73               | MSSS73       | 38          | MFPSM73               | MSSM73       | 38          | MFPSM73             | MSMS73       | 38          | MFPMM73                 | MSMM73       | 38          | MFPMH73                 | MSMH73       | 38          | MFPHH73             | MSHH73       | 38          |
| 76      | 3"      | 2 1/2"    | MFPSS76               | MSSS76       | 38          | MFPSM76               | MSSM76       | 38          | MFPSM76             | MSMS76       | 38          | MFPMM76                 | MSMM76       | 38          | MFPMH76                 | MSMH76       | 38          | MFPHH76             | MSHH76       | 38          |
| 80      | 3 1/8"  | -         | MFPSS80               | MSSS80       | 38          | MFPSM80               | MSSM80       | 38          | MFPSM80             | MSMS80       | 38          | MFPMM80                 | MSMM80       | 38          | MFPMH80                 | MSMH80       | 38          | MFPHH80             | MSHH80       | 38          |
| 89      | 3 1/2"  | 3"        | MFPSS89               | MSSS89       | 38          | MFPSM89               | MSSM89       | 38          | MFPSM89             | MSMS89       | 38          | MFPMM89                 | MSMM89       | 38          | MFPMH89                 | MSMH89       | 38          | MFPHH89             | MSHH89       | 38          |
| 93      | 3 5/8"  | -         | -                     | -            | -           | MFPSM93               | MSSM93       | 38          | MFPSM93             | MSMS93       | 38          | MFPMM93                 | MSMM93       | 38          | MFPMH93                 | MSMH93       | 38          | MFPHH93             | MSHH93       | 38          |
| 105     | 4-1/8"  | -         | -                     | -            | -           | MFPSM105              | MSSM105      | 38          | MFPSM105            | MSMS105      | 38          | MFPMM105                | MSMM105      | 38          | MFPMH105                | MSMH105      | 38          | MFPHH105            | MSHH105      | 38          |
| 114     | 4-1/2"  | 4"        | -                     | -            | -           | MFPSM114              | MSSM114      | 50          | MFPSM114            | MSMS114      | 50          | MFPMM114                | MSMM114      | 50          | MFPMH114                | MSMH114      | 50          | MFPHH114            | MSHH114      | 50          |
| 140     | 5-1/2"  | 5"        | -                     | -            | -           | MFPSM140              | MSSM140      | 50          | MFPSM140            | MSMS140      | 50          | MFPMM140                | MSMM140      | 50          | MFPMH140                | MSMH140      | 50          | MFPHH140            | MSHH140      | 50          |
| 168     | 6-1/2"  | 6"        | -                     | -            | -           | MFPSM168              | MSSM168      | 50          | MFPSM168            | MSMS168      | 50          | MFPMM168                | MSMM168      | 50          | MFPMH168                | MSMH168      | 50          | MFPHH168            | MSHH168      | 50          |
| 219     | 8-1/2"  | 8"        | -                     | -            | -           | MFPSM219              | MSSM219      | 50          | MFPSM219            | MSMS219      | 50          | MFPMM219                | MSMM219      | 50          | MFPMH219                | MSMH219      | 50          | MFPHH219            | MSHH219      | 50          |
| 273     | 10-1/2" | 10"       | -                     | -            | -           | MFPSM273              | MSSM273      | 50          | MFPSM273            | MSMS273      | 50          | MFPMM273                | MSMM273      | 50          | MFPMH273                | MSMH273      | 50          | MFPHH273            | MSHH273      | 50          |
| 324     | 12-1/2" | 12"       | -                     | -            | -           | MFPSM324              | MSSM324      | 75          | MFPSM324            | MSMS324      | 75          | MFPMM324                | MSMM324      | 75          | MFPMH324                | MSMH324      | 75          | MFPHH324            | MSHH324      | 75          |
| 356     | 14"     | 14"       | -                     | -            | -           | MFPSM356              | MSSM356      | 75          | MFPSM356            | MSMS356      | 75          | MFPMM356                | MSMM356      | 75          | MFPMH356                | MSMH356      | 75          | MFPHH356            | MSHH356      | 75          |
| 406     | 16"     | 16"       | -                     | -            | -           | MFPSM406              | MSSM406      | 75          | MFPSM406            | MSMS406      | 75          | MFPMM406                | MSMM406      | 75          | MFPMH406                | MSMH406      | 75          | MFPHH406            | MSHH406      | 75          |
| 457     | 18"     | 18"       | -                     | -            | -           | -                     | -            | -           | -                   | -            | -           | MFPMM457                | MSMM457      | 75          | MFPMH457                | MSMH457      | 75          | MFPHH457            | MSHH457      | 75          |
| 508     | 20"     | 20"       | -                     | -            | -           | -                     | -            | -           | -                   | -            | -           | MFPMM508                | MSMM508      | 75          | MFPMH508                | MSMH508      | 75          | MFPHH508            | MSHH508      | 75          |
| 609     | 24"     | 24"       | -                     | -            | -           | -                     | -            | -           | -                   | -            | -           | MFPMM609                | MSMM609      | 75          | MFPMH609                | MSMH609      | 75          | MFPHH609            | MSHH609      | 75          |

## MAXFIX SPECIFICATION

| Physical Properties                                                | Dia ≤ 4"                  | Dia > 4"    | Test Method                  |
|--------------------------------------------------------------------|---------------------------|-------------|------------------------------|
| Density ความหนาแน่น (kg/m <sup>3</sup> )                           | 160 ± 15%                 | 200 ± 15%   | ASTM D1622                   |
| Thermal Conductivity<br>สัมประสิทธิ์การนำความร้อน (W/mK at 24 °C)  | 0.033                     | 0.038       | ASTM C518                    |
| Water Absorption ค่าการดูดซึมน้ำ<br>(% by Weight)                  | < 3%                      | < 3%        | ASTM D1056                   |
| Compressive Strength<br>ค่าการรับแรงกดอัด kg/cm <sup>2</sup> (kPa) | > 22 (2200)               | > 36 (3600) | ASTM D1621                   |
| Flammability ปฏิกริยาต่อไฟ                                         | Self Extinguishing, or HB |             | ASTM D635 or UL 94 (Class12) |
| Operating Temperature อุณหภูมิใช้งาน (°C)                          | -200 °C to 125 °C         |             | -                            |