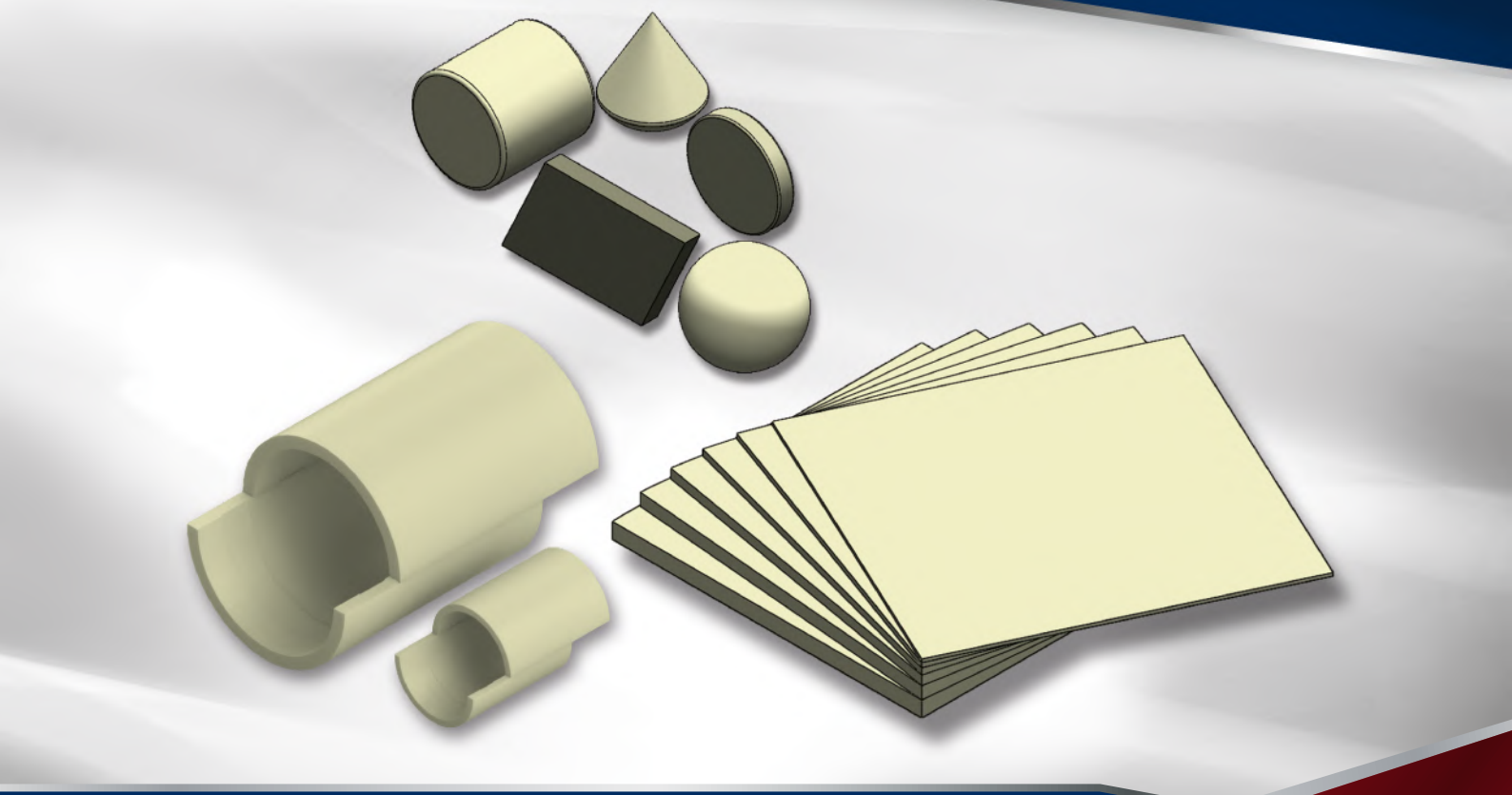
MAXICON®

Hot & Cold Protection PU Foam

MAXICON® with extensive track record in material formulation offers highly advanced engineering material.

Protection provided specifically designed for any pipe and sheet dimension.



MAKING OUR INDUSTRIAL SPACE A COOLER AND SAFER ENVIRONMENT

MATERIAL SELECTION & VERIFICATION TESTING

PT. Indonesia Polyurethane Industry owns a large database of material science. Our precise material formulation will undergo material verification testing in order to verify suitability level against Customer requirements

DESIGN & MANUFACTURING

+ In-house design
+ Mold-making
+ Manufacturing
+ 100% Inspection
+ On-time Delivery policy

All these above makes us to be trusted partner in protecting our Customer billions Dollar assets

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AS 9100 · ISO 9001:2015

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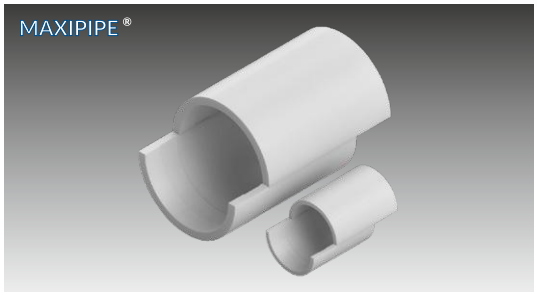
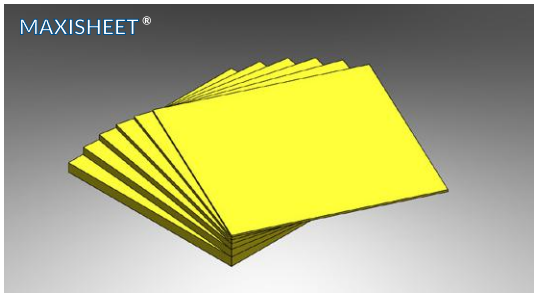


MAXIPIPE®

Rigid polyurethane foam provides ideal insulation for hot and cold piping system. Available from 1" to 24" pipe size. Other size is available for custom production.
The application ranging widely :

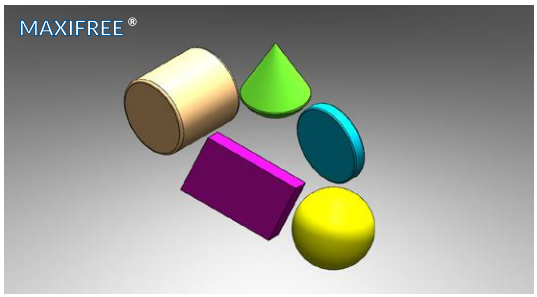
- Power Plant plumbing system
- Oil & Gas line pipe system
- Oil & Gas join insulation material for line pipe system
- Chemical and Petrochemical heating system
- Dairy & Pharmaceuticals pipeline system
- Housing plumbing system



MAXISHEET®

Rigid polyurethane foam available in sheets or blocks. The sheets or blocks dimension provide flexibility and maintaining versatile characteristic to large area of application.

- Industrial roofing and wall partition
- Medical and Hospital wall partition
- Cooler box medical-ware.



MAXIFREE®

our custom-free-molded design to match any shape and specification of Customers. It can be squared, circled, cylindrical, or any asymmetrical shape.
All designed and manufactured within our tight control.

Typical Physical Properties	Method	RF-IPI-35	RF-IPI-40	RF-IPI-60	RF-IPI-140
Density (kg/m3)	ISO 845 / ASTM D1622	30-40	40-45	50-60	140-160
Compressive Strength (kPa)	ISO 844 / ASTM D1621	190	195	210	> 3000
Thermal Conductivity (W/m K)	ISO 2581	0.022	0.018	0.024	0.029
Closed Cell Content (%)	ISO 4590 / ASTM D2856	85	85	90	80
Dimensional Stability (%) @ 70 deg C	ISO 2796 / ASTM D2126	L. 0.13	L. -0.1	L. 0.15	L. -0.1
		W. 0.1	W. 0.1	W. 0	W. -0.1
		T. 0.3	T. 0.2	T. -0.1	T. 0
Appearance		yellowish	yellowish	yellowish	yellowish

Note : Actual properties may vary up to 10%. Other specification may available at custom formulation.

Manufactured by rigid foam, closed cell, thus do not absorb water, temperature ranges from -30 °C to 100 °C and of course a low heat-transfer coefficient.

These distinctive characteristic serves its purposes as:

- Heat resistance to prevent hydrate formation in gas piping
- Heat resistance to maintain viscosity in hot/warm liquid piping
- Reduced energy loss in any HVAC application
- Superior mechanical resistance
- Surface temperature barrier to create safer environment for site workers.
- Ease of application
- Controlled proper temperature for sensitive application
- Noise barrier

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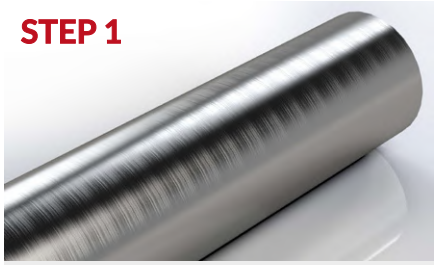
INSTALLATION PROCEDURE

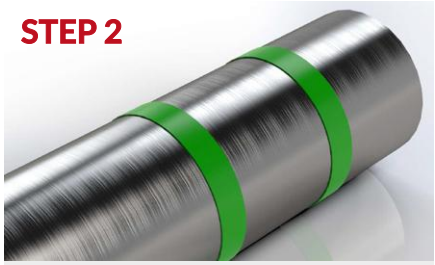
STEP 1



Ensure the pipe is free from dirt, oil, grease and other particulate.

If necessary, clean the pipe using soap water and wipe with clean cloth until its dry.

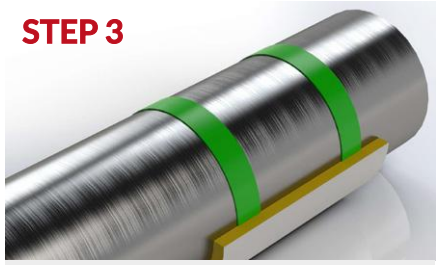
STEP 2



Apply double tape around the pipe.

Double-tape surface shall be free from dirt, oil, grease and other particulate to provide best bonding.

STEP 3



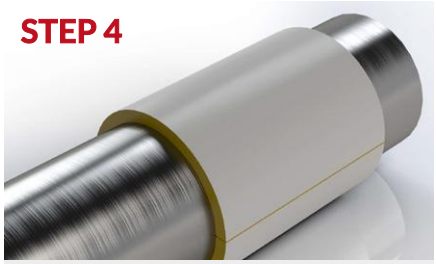
Prepare the first half-round insulation foam. Please make sure the shape and dimension are correct for the destined pipe.

Apply the wet bonding on the side and the face of the insulation foam.

Press gently half-round insulation foam against the pipe.

Please ensure the foam position is firm before applying the second half-round insulation foam.

STEP 4



Prepare the second half-round insulation foam.

Please make sure the shape and dimension are correct for the destined pipe.

Apply the wet bonding on the side and the face of the insulation foam.

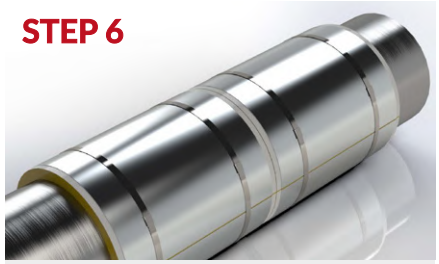
Press gently half-round insulation foam against the pipe.

Please ensure the foam position is firm before applying the outer aluminum jacket.

STEP 5

Cover the wrapped insulation foam with aluminum jacket.

STEP 6



Repeat step 1 to step 5 for the intended length of the pipe covered.

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