

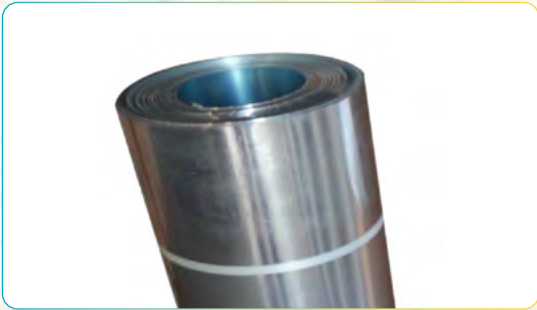
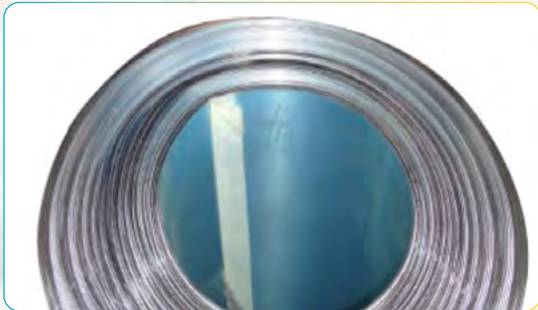
# 12. INSULATION



MATERIAL	50972
Description	MINERAL WOOL, MAT: DENSITY 80KG/M3, WIDTH 1000MM, LENGTH 5000MM, THICKNESS 50MM, WITH BINDER MESH, AMBIENT TEMP +600C, MATERIAL SHALL COMPLY WITH THE PROCEDURE KPO-00-PIP-SPC-00020
Purpose	To reduce heat transfer between solid objects, fluids, or gases by introducing a barrier between them
Where used	All KPO Areas
Category of goods	INSULATION MATERIALS

MATERIAL	14652
Description	Rubber insulation Foam Pipe:35MM DIA,19MM WALL THICKNESS, COLOR BLACK, Temperature range -40C/+125C
Purpose	To provide an effective solution to prevent heat gain/loss
Where used	All KPO areas
Category of goods	INSULATION MATERIALS

# 12. INSULATION



MATERIAL	223364
Description	SHEET, ALUMINIUM JACKETING: 0.914~1M WIDTH X 1.2MM THICK X 30M LENGTH, WITH AN INTEGRAL CONTINUOUSLY HEAT SEALED POLYSURLYN MOISTURE BARRIER, SUPPLIED IN ROLL, SPECIFICATION OF ALUMINIUM: ALLOY 5005 OR 3003 – H14 OR H16 TEMPER IN ACCORDANCE WITH ASTM B209 OR ALTERNATIVE BY GOST FROM ВД1АМ, SPECIFICATION OF POLYSURLYN MOISTURE BARRIER: THIS MOISTURE BARRIER PREVENTS GALVANIC CORROSION CAUSED BY CONTACT OF DISSIMILAR METALS IN THE PRESENCE OF MOISTURE, AND CHEMICAL CORROSION CAUSED BY INSTALLING SHEETS OVER DAMP INSULATION MATERIALS. POLYSURLYN MOISTURE BARRIER (PSMB) IS AN ENGINEERED COEXTRUDED FILM OF POLYETHYLENE AND SURLYN POLYMERS WITH A TOTAL FILM THICKNESS OF 3 MILS (76 µM)
Purpose	To protect the insulation and underlying pipe/vessel from physical damage, UV exposure, corrosive environments, and water
Where used	All KPO Areas
Category of goods	INSULATION MATERIALS



MORE INFORMATION IS AVAILABLE AT:



For more information regarding Data Sheets  
of goods and other requests, please contact at  
[OpenDayEvent@kpo.kz](mailto:OpenDayEvent@kpo.kz)