



CuprEon Copper Pipes for Medical Gas Systems

Delivering Purity, Safety & Precision to Healthcare Infrastructure

30 Years of Copper Expertise | Hospital-Grade Quality | Global Standards

ABOUT SK Impex Corporation

With over 30 years of copper manufacturing expertise, SK Impex has built a reputation for engineering excellence and product reliability. We specialize in producing CuprEon premium-quality copper pipes for medical grade applications that meet Indian, American, Japanese, and European standards.

We offer non-standard straight lengths and custom solutions tailored to customer requirements. Our Cupreon copper pipes are ultra-clean, deburred, degreased, and packed with precision, ensuring corrosion resistance, long life, and leak-proof performance for oxygen and medical gas distribution systems.

SK Impex Corporation



Manufacturer | Exporter | OEM Partner

WHY COPPER FOR MEDICAL GAS LINES?

- ✓ 100% Non-toxic, Antibacterial Surface
- ✓ High Thermal & Electrical Conductivity
- ✓ Leak-Proof and Long Lifespan
- ✓ Withstands High Pressure & Critical Environments
- ✓ Degreased & Cleaned to Oxygen Service Level
- ✓ Zero Corrosion and Zero Contamination Risk

AVAILABLE GRADES

Grade	Technical Name	Application Suitability
DHP	C12200	Deoxidized High Phosphorus – Best for oxygen & gas systems
DLP	C12000	Deoxidized Low Phosphorus – Clean and weldable
EC	C11000	High conductivity, less common in gas systems

TECHNICAL SPECIFICATIONS

Parameter	Details
Outer Diameter (OD)	6 mm to 150 mm
Wall Thickness	0.7 mm to 12 mm
Length	Up to 10 meters
Weight per Pipe	300 gms to 120 kg
Temper Options	R200 (Soft), R250 (Half Hard), R290 (Hard)
Finish	Bright Annealed, Degreased, Deburred, Sealed

MECHANICAL PROPERTIES (BS EN 12449)

Temper	Hardness (HV5 VPN)
R200 (Soft)	40 – 65
R250 (Half Hard)	70 – 100
R290 (Hard)	95 – 120

STANDARDS & COMPLIANCE

Standard	Region	Purpose
IS 15561	India	Medical Gas Pipeline Systems
ASTM B819 / B280	USA	Seamless Copper Tubes for Medical Use
HTM 02-01 / EN 13348	UK / EU	Copper Tubes for Oxygen & Medical Gases
JIS H3300	Japan	Copper Pipes – Clean Application Ready

APPLICATIONS

- 🏥 Hospitals & Clinics – Oxygen, Nitrous Oxide, Vacuum Lines
- 🧪 Laboratories & Clean Rooms
- 🚑 Emergency Response Vehicles (Ambulances)
- 🏭 Pharmaceutical Clean-Gas Systems
- 🧎 Rehabilitation & Elder Care Centers

PACKAGING & CLEANLINESS CONTROL

- ✓ Supplied in sealed, capped ends
- ✓ Degreased to ≤ 0.038 g/m² of surface carbon
- ✓ Individually wrapped or shrink-sealed
- ✓ Palletized & export-compliant packing
- ✓ Optional third-party lab certification for oxygen cleanliness

WHY CHOOSE CuprEon?

- ✓ In-house degreasing, testing & quality assurance
- ✓ Complies with hospital & international standards
- ✓ Flexible MOQ and high-volume exports
- ✓ Global supply capability (USA, Japan, Middle East, EU)

CONTACT US FOR YOUR REQUIREMENTS



Manufacturer | Exporter | OEM Partner

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