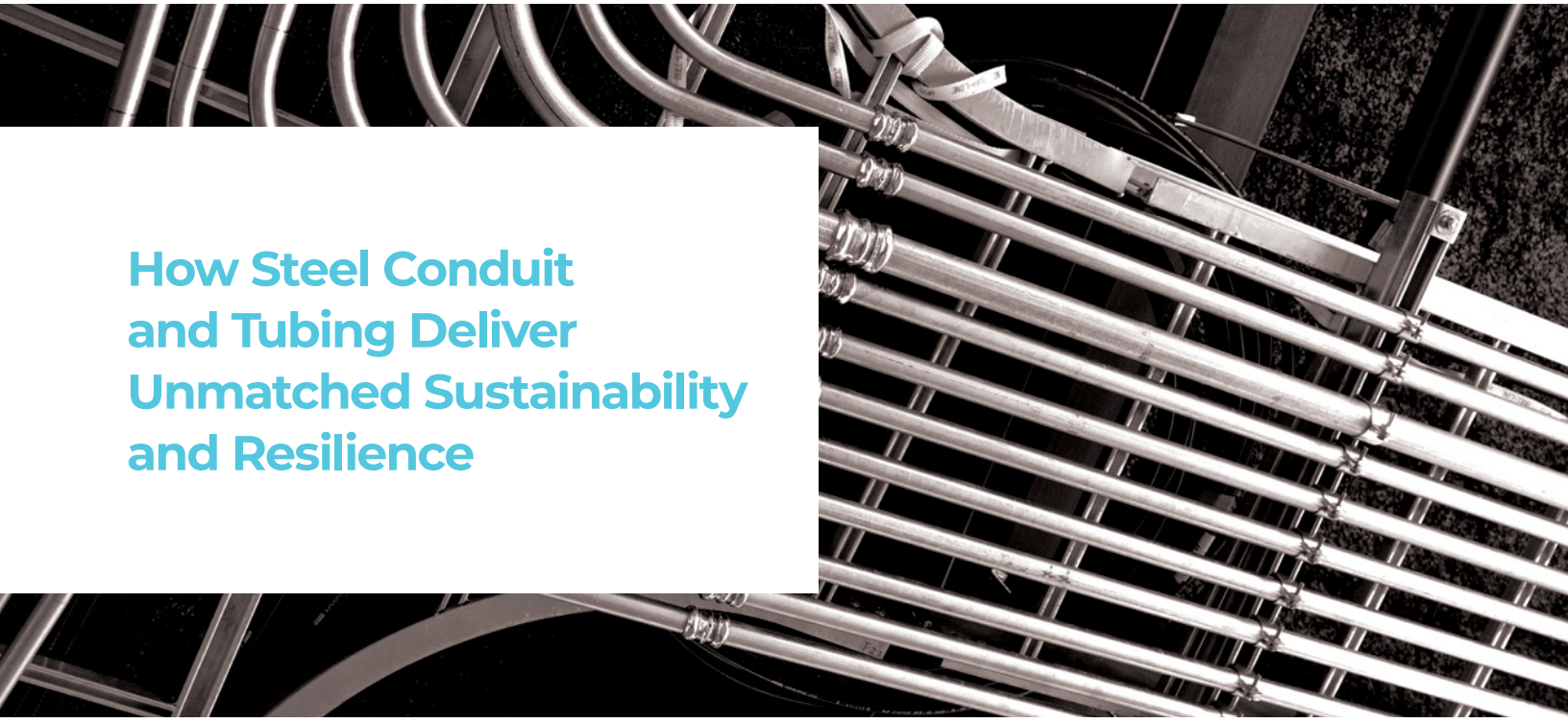
STEEL TUBE INSTITUTE



How Steel Conduit and Tubing Deliver Unmatched Sustainability and Resilience

STEEL CONDUIT IS DURABLE, RESILIENT AND SAFE

Steel conduit is resistant to wear and tear and will not burn or release toxic fumes, which reduces human health impact. This material also serves as its own effective ground-fault current path, without an additional wire type equipment grounding conductor, and it is durable enough to withstand most physical damage including fires and flooding. Using steel ensures a long product lifetime, with fewer materials and health hazards than any other conduit or tubing material types.

STEEL CONDUIT IS PERMANENTLY RECYCLABLE

Steel conduit is the most recycled material in the world, with 60–80 million tons of steel scrap recycled each year. A permanently recyclable material never needs to enter the landfill and can be used indefinitely, resulting in fewer virgin materials and extraction emissions.

AMERICAN STEEL CONDUIT AND TUBING PRODUCTION LEADS THE WORLD IN SUSTAINABILITY

American steel conduit and tubing production is the cleanest among the top seven steel-producing countries in the world. That is thanks to increased use of electric arc furnaces, higher-quality iron ore pellets and the use of alternatives to pig iron, which reduces carbon emissions.

STEEL CONDUIT AND TUBING OFFER CORROSION PROTECTION, INSIDE AND OUT

Corrosion protection prevents potential damage to conductors and the steel itself throughout the conduit or tubing's lifespan and alerts the user when it might be compromised. This allows the user to repair and/or replace the part as needed before bigger issues arise supporting dematerialization practices.

STEEL CONDUIT AND TUBING ALLOW CIRCUITS TO BE REPAIRABLE AND REPLACEABLE

Typically, the entire raceway would have to be removed to replace a single conductor. But with steel conduit and tubing, repairs can be made without disrupting other conductors and the entire raceway. This saves time, money, energy and materials.

STEEL CONDUIT AND TUBING ARE UNIVERSALLY ALLOWED BY THE NEC®

As building needs change, steel conduit and tubing do not have to be updated to meet different standards. By installing steel conduit and tubing from the beginning, you are "future-proofing" the building for all potential needs, eliminating full tear-outs and supporting dematerialization practices.

The chart below explains how steel conduit and tubing can contribute to your next green building project, such as those pursuing LEED or RELi certification!

	LEED v4 & V4.1		RELi						
	Sourcing of Raw Materials	Circular Products	Community Cohesion		Materials & Artifacts				
			C 6.0	C 7.0	R 1.3	C 2.0	C 3.0	C 4.0	C 6.0
Recycled Content/ Recyclable	✓	✓			✓		✓	✓	
Adapting to Changing Building Needs						✓			
Can Be Repaired and Reused		✓			✓	✓	✓		
Corrosion Protection						✓			
Durable Material						✓			
Remove, Inspect, Repair/ Replace Design						✓	✓		
Clean Steel Production					✓				✓
Local Hires			✓						
Regionally Sourced Materials				✓					

Find out more about the sustainability and durability of steel conduit at steeltubeinstitute.com/steel-conduit

ABOUT THE STEEL TUBE INSTITUTE

The Steel Tube Institute (STI) was founded in 1930 and sponsors cooperative member efforts to improve manufacturing techniques for conduit and other tubular steel products and informs customers and fabricators about these products' utility and versatility. It is headquartered in Glenview, Illinois.

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