# ZITHA TECH SPECIALTY CABLES (Pty) Ltd

# Low-temperature resistant cabling system for computer rooms



## Overview

Cryogenic cables are specially designed electrical cables that function effectively at extremely low temperatures, down to -273°C (-459°F). The properties of the materials play a crucial role in these tough conditions. PUR, a thermoplastic polyurethane elastomer, has. Cables referred to as temperature-resistant are those built to perform reliably in settings where higher or lower ambient temperatures may be present—whether due to climate, equipment proximity, or enclosed project spaces. These cables are not designed for high-heat industrial furnaces or sub-zero. We needed a better cable in critical areas of our control system so TPC showed us their Super-Trex® and Trex-Onics® products but TPC challenged us to try anything to cause a failure. They can therefore be used in a wide range of demanding. That's why we're proud to offer a comprehensive range of extreme cold temperature cables and weather extension cords, engineered and manufactured in the USA to withstand the harshest environments. FlexFusion™ Cabinets XG offer a unique universal platform.



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## Article Content

Cold & Heat Resistant Cable | igus

Specially-engineered chainflex® technology is able to withstand extreme temperatures, making the solutions completely heat and cold-resistant. Flexible

Raised-floor cabling standards

If the computer room meets the National Electrical Code (NEC) Article 645-2, special requirements for information technology equipment room, then the types of conduit and cable jacketing you describe

Extreme & High Temperature Cable

Manufactured from alumina-silica materials, these fibres offer such characteristics as high temperature stability, low thermal conductivity, low heat storage, excellent

Related Video Reference

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