



Research as standard

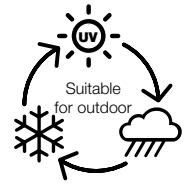
Insulating solutions in metal mining



www.unex.net

Insulating solutions in metal mining

In industrial activities it is critical that power and data services are well-protected against humidity, corrosion and outdoor exposure. Unex insulating cable management systems are unaffected by corrosion and provide good protection against outdoor exposure, the UVs and chemical agents, increasing reliability and safety of the installations for persons and for the equipment, and enhancing the plant's productivity.



- **Electrical safety:**
 - Insulating material.
 - Earthing not required.
 - Avoids leakage current, hot spots and electrical arcs.
- **Mechanical resistance.**
- **Resistance to corrosion.**
- **Over 40 years experience in outdoor installations.**
- **Protection for the cables.**
- **Quick and easy mounting.**
- **No maintenance.**

Most common processes in metal mining involving cable management systems

Mechanical processes



Hydro refining (concentrate drying, smelting)



Fire refining



Electrolytic refining



Auxiliary processes (gas process, slag cleaning, cooling towers, conveyors)

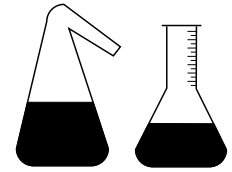


As a consequence of the willingness to preserve the technological know-how of the metal mining industry, it is not common to obtain authorized pictures of real applications of our products in the metal mining processes. The cases we are displaying belong to similar applications in other fields (ex. chemical, petrochemical, water treatment), in which our insulating solutions have shown a successful performance and clear advantages in front of other alternatives.

References available upon request: technical.assistance@unex.net

Complete solution in aggressive environments

Unex insulating cable management systems are endorsed by more than 40 years experience in installations under extreme climatology and aggressive environments. Therefore, our products can be mounted in most industries submitted to corrosion and to unforgiving elements.



Unex insulating cable trays in U23X, according to DIN 8061 ISO and TR 10358, are resistant to the most common oils, acids, fat acids, alcohols, aliphatic carbon hydrides, hydroxide and saline solutions.

Certified products

By formulating its own raw materials, Unex stands-up for the environment: all raw materials and final products comply with the RoHS Directive .

The quality of Unex solutions is guaranteed by the strict accomplishment of product and application standards, as well as by obtaining quality marks and approvals.

<p>Insulating cable tray 66</p> <p><input type="checkbox"/> U23X <input type="checkbox"/> U48X</p> <p>Halogen free</p> 	<p>Slotted trunking 77</p> <p><input type="checkbox"/> U23X</p> 	<p>Cable ties 22 HD</p> <p>For chemical environments</p> <p><input type="checkbox"/> U71X</p> <p>Halogen free</p>  
<p>Colour: <input type="checkbox"/> Grey RAL 7035 / <input type="checkbox"/> Gris RAL 7038 / <input type="checkbox"/> Grey RAL 7030 / <input type="checkbox"/> Blue RAL 5012 / <input type="checkbox"/> Black</p>		

Configurator and Unexproject

Your online tools for configuration and dimensioning.

www.unex.net



Available through Data Portal

Complete stock and reliable delivery through our world-wide distribution network



PERSONALIZED TECHNICAL ASSISTANCE
✉ technical.assistance@unex.net

CUSTOMER SERVICE
✉ international@unex.net

Germany

Unex Kabelsysteme und -elemente GmbH
Am Wallgraben 100
70565 Stuttgart
Phone: +49 711 78 19 35 30
e-mail: vertrieb@unex.net

Portugal

Retrica Aparelhagem Eléctrica, Lda.
Rua Soeiro Pereira Gomes,
Lote 1, 4.º C
1600-196 Lisbon
Phone: +351 21 781 64 20
e-mail: unex@unex.pt

Italy

Unex sistemi ed elementi, S.R.L.
Viale Enrico Forlanini 23
20134 Milano
Phone: +39 02 8732 3153
e-mail: commerciale@unex.net

Chile

Unex aparellaje eléctrico Chile Ltda.
Centro Empresas "El Cortijo"
Av. Américo Vesputcio Norte 2680, Of. 27
C.P. 8551378 - Conchalí
Santiago - Región Metropolitana
Phone: +56 2 2623 49 81
e-mail: unex@unex.cl

France

Unex systèmes et éléments, S.A.S.
Parc Technologique
3 place Berthe Morisot
69791 Saint Priest Cedex
Phone: +33 4 78 43 69 55
e-mail: unex@unex.fr

Mexico

Unex Solutions México S. de R.L. de C.V.
Avda. Santa Fe 170
Piso 6, Unidad 6-1-01
Col. Lomas de Santa Fe
Delegación Álvaro Obregón
001219 Ciudad de México
e-mail: ventas@unex.com.mx

Spain

Unex aparellaje eléctrico, S.L.
Rafael Campalans, 15-21
08903 L'Hospitalet de Llobregat
Phone: +34 93 333 87 00
e-mail: unex@unex.net

R.M. de Barcelona, T.32709, F.81,
H. B214578 VAT. ES B62204011

Unex aparellaje eléctrico, S.L., as a policy, patents its products.
Own design and production. Unex aparellaje eléctrico, S.L. does not manufacture for other trademarks.
Unex is a registered trademark of Unex aparellaje eléctrico, S.L.

© Unex aparellaje eléctrico, S.L., 2019

Unex aparellaje eléctrico, S.L. reserves the right to modify any of the characteristics of the products that it manufactures.

It is the responsibility of the person in charge of product selection for a specific application to look for the right product, according to the standards applicable in every country.
Unex aparellaje eléctrico S.L. disclaims all responsibility due to incorrect use of the product or to unforeseen circumstances.