

Genuine Liquatite® Liquid Tight Conduit



EXCLUSIVE TO OMEGA

electri-flex

liquatite®

 **OMEGA**
The Power To Perform



The genuine liquid tight conduit range, **Liquatite®** from **Electri-flex** is now available in Australia exclusively from Omega Power Equipment.

Leading Performance

For over 60 years, Electri-Flex has provided top-quality conduit solutions to withstand extreme environments, confined areas, electronic interference and other challenges. Their conduits are renowned for their superior performance. The range is extensive to cover the broad spectrum of features required in different applications. Attention to detail in R&D and quality control ensures Liguatite® conduits exceed the expectations of the installer and the end user.

Exclusive Distribution

The core range of everyday Liguatite® conduits and complimentary fittings is now available from your local Omega supplier to meet most general purpose applications, while industry-specific conduits are on fast turnaround indent.



RANGE

With nearly 50 types of Liguatite® conduit available there will be the right one for your next project.

Different coloured coatings in either PVC, PU or TPR plastic ensure easy identification and appropriate protection.

Brass fittings (straight, 45 degree and 90 degree connectors) also available for all conduits shown,

Nonmetallic Conduit with PVC coating



Steel Metal Conduit with PVC coating



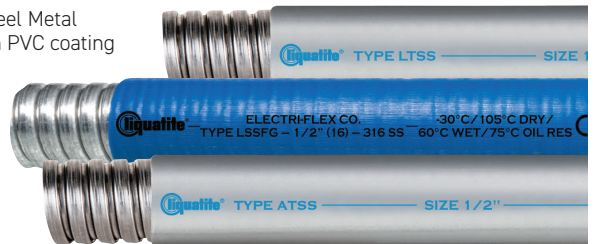
Steel Metal Conduit with TPR coating



Steel Metal Conduit with PU coating



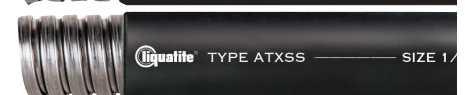
Stainless Steel Metal Conduit with PVC coating



Stainless Steel Metal Conduit with PU coating



Stainless Steel Metal Conduit with TPR coating



EMI/RFI Shielding Conduit in Steel or Bronze with PVC coating



All conduits shown except standard liquid tight fittings

Many of our conduits are UL listed and CSA and/or CE certified



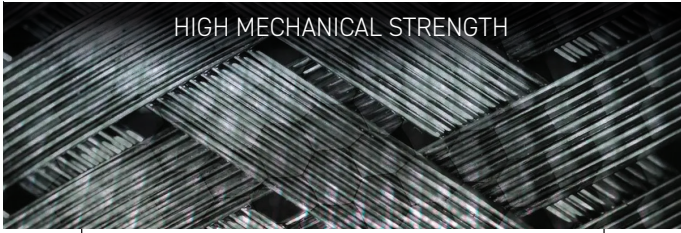
FEATURES

Tried and tested to meet industry expectations and respective standards. Liqueatite® conduits have a range of features to suit different applications.

APPLICATIONS

For industry-specific conduit needs, talk to your local Omega supplier about the right Liqueatite® conduit you need for that particular use and conditions.

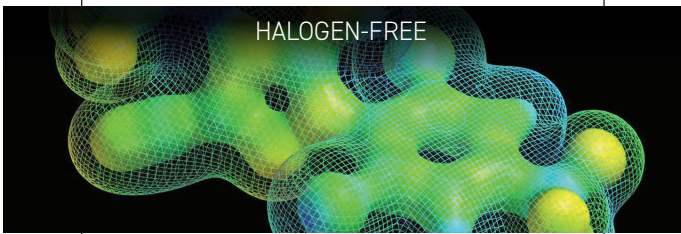
HIGH MECHANICAL STRENGTH



LISTED FOR DIRECT BURIAL



HALOGEN-FREE



LOW FIRE HAZARD



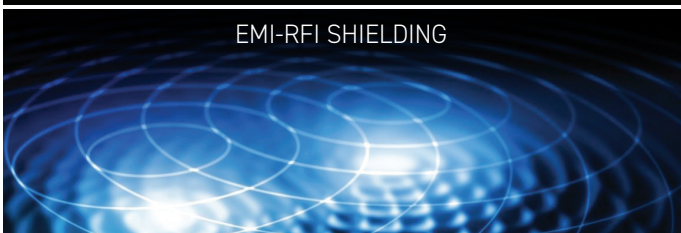
SUNLIGHT / UV RESISTANT



SELF-EXTINGUISHING



EMI-RFI SHIELDING



TELECOMMUNICATIONS



FOOD PROCESSING



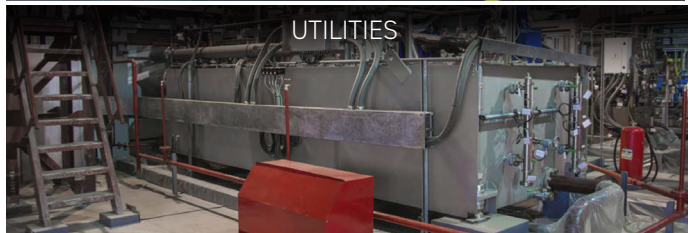
MINING / MILLS / POWER PLANTS



TRANSIT / RAIL / NETWORKS



UTILITIES



TREATMENT PLANTS



PHARMACEUTICALS





RANGE

Flexible Conduit TYPE LTLOR

A general purpose flexible, oil-resistant, non-UL spec grade liquid tight steel conduit designed for a variety of installations requiring motion, vibration and bending.

It offers good mechanical and moisture protection to enclosed conductors.



Sunlight /UV Resistant

APPLICATIONS:

- Machine Tools, Ovens, Foundries, Refrigeration
- Industrial Environments
- Wet and Oily Locations
- Outdoor use due to the inherent UV resistance of PVC
- Extreme Climatic Conditions
- Compatible with standard liquid tight connectors

MARKETS:

- Machine Tool (OEM)
- Mining
- Oil & Gas Refineries, Steel Mills
- Power Plants
- Renewable Energy
- Telecommunications
- Utilities

MATERIALS AND PROPERTIES:

Inner Core

- Corrosion Resistant Plated Steel
- ¼" – 2" Squarelock Profile
- 2 ½" – 6" Fully Interlocked Profile
- 5/16" – 2" Contain Nylon Cord Packing

Liquid tight Jacket

- Flexible PVC
- Resistant to Oils and Mild Acids
- Sunlight Resistant (UV)
- Flame Retardant
- Liquid tight Oil Resistant (LOR)

Specifications all Models

Operating Temperature -55°C to 105°C
intermitting to 120°C

Colours Grey, Black or Orange

Compliance



| Dimensions | Size | Internal Diameter (mm) | | Outside Diameter (mm) | | Inside Bend Radius (mm) | |
|----------------|------|------------------------|------|-----------------------|------|-------------------------|---------|
| | | Min | Max | Min | Max | Static | Dynamic |
| All LTLOR16... | 16 | 12.3 | 12.8 | 17.5 | 18.0 | 38 | 102 |
| All LTLOR20... | 20 | 15.8 | 16.3 | 20.8 | 21.3 | 51 | 127 |
| All LTLOR25... | 25 | 20.8 | 21.3 | 26.2 | 26.7 | 64 | 152 |
| All LTLOR32... | 32 | 26.4 | 27.1 | 32.8 | 33.4 | 76 | 305 |
| All LTLOR40... | 40 | 35.1 | 35.8 | 41.4 | 42.2 | 89 | 381 |
| All LTLOR50... | 50 | 40.0 | 40.6 | 47.4 | 48.3 | 115 | 432 |
| All LTLOR63... | 63 | 51.3 | 51.9 | 59.4 | 60.3 | 140 | 559 |

Flexible Conduit TYPE LTLOR

| Product | Size | Colour | Length (m) |
|--------------------|------|--------|------------|
| LTLOR16GY15 | 16 | Grey | 15m |
| LTLOR16GY30 | 16 | Grey | 30m |
| LTLOR20GY15 | 20 | Grey | 15m |
| LTLOR20GY30 | 20 | Grey | 30m |
| LTLOR25GY15 | 25 | Grey | 15m |
| LTLOR25GY30 | 25 | Grey | 30m |
| LTLOR32GY15 | 32 | Grey | 15m |
| LTLOR32GY30 | 32 | Grey | 30m |
| LTLOR40GY15 | 40 | Grey | 15m |
| LTLOR40GY30 | 40 | Grey | 30m |
| LTLOR50GY15 | 50 | Grey | 15m |
| LTLOR63GY15 | 63 | Grey | 15m |

| | | | |
|--------------------|----|--------|-----|
| LTLOR16OR15 | 16 | Orange | 15m |
| LTLOR16OR30 | 16 | Orange | 30m |
| LTLOR20OR15 | 20 | Orange | 15m |
| LTLOR20OR30 | 20 | Orange | 30m |
| LTLOR25OR15 | 25 | Orange | 15m |
| LTLOR25OR30 | 25 | Orange | 30m |
| LTLOR32OR15 | 32 | Orange | 15m |
| LTLOR32OR30 | 32 | Orange | 30m |
| LTLOR40OR15 | 40 | Orange | 15m |
| LTLOR50OR15 | 50 | Orange | 15m |
| LTLOR63OR15 | 63 | Orange | 15m |

| | | | |
|--------------------|----|-------|-----|
| LTLOR16BK15 | 16 | Black | 15m |
| LTLOR16BK30 | 16 | Black | 30m |
| LTLOR16BK60 | 16 | Black | 60m |
| LTLOR20BK8 | 20 | Black | 8m |
| LTLOR20BK15 | 20 | Black | 15m |
| LTLOR20BK30 | 20 | Black | 30m |
| LTLOR20BK50 | 20 | Black | 50m |
| LTLOR32BK8 | 32 | Black | 8m |
| LTLOR32BK15 | 32 | Black | 15m |
| LTLOR32BK30 | 32 | Black | 30m |
| LTLOR32BK50 | 32 | Black | 50m |
| LTLOR40BK15 | 40 | Black | 15m |
| LTLOR40BK30 | 40 | Black | 30m |
| LTLOR50BK15 | 50 | Black | 15m |
| LTLOR63BK15 | 63 | Black | 15m |



TYPICAL APPLICATIONS:
Where an industrial grade liquid tight conduit is required that can also cope in wet and oily conditions



RANGE

Flexible Conduit TYPE EF

This non-UL flexible liquid tight conduit is a competitive grade version of our type LT designed for a variety of installations requiring motion, vibration and bending.

It offers good mechanical and moisture protection to enclosed conductors.



Sunlight /UV Resistant

APPLICATIONS:

- Machine Tools
- Industrial Environments
- Wet and Oily Locations
- Outdoor use due to the inherent UV resistance of PVC
- Compatible with standard liquid tight connectors

MARKETS:

- Machine Tool (OEM)
- Cell Towers
- Construction

MATERIALS AND PROPERTIES:

Inner Core

- Corrosion Resistant Plated Steel
- 3/8" – 2" Squarelock Profile

Liquid tight Jacket

- Flexible PVC
- Resistant to Oils and Mild Acids
- Sunlight Resistant (UV)

Specifications all Models

Operating Temperature -20°C to 80°C

Colours Grey or Black

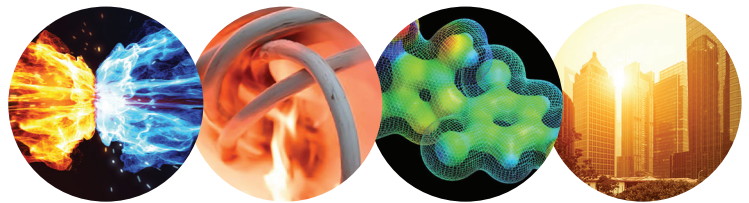
Compliance **CE**

| Dimensions | Size | Diameter (mm) | | Radius (mm) | | | |
|-------------|------|---------------|--------------|-------------|-------------|-----|-----|
| | | Internal Min | Internal Max | Outside Min | Outside Max | | |
| All EF16... | 16 | 12.3 | 12.8 | 17.5 | 18.0 | 38 | 102 |
| All EF20... | 20 | 15.8 | 16.3 | 20.8 | 21.3 | 51 | 127 |
| All EF25... | 25 | 20.8 | 21.3 | 26.2 | 26.7 | 64 | 152 |
| All EF32... | 32 | 26.4 | 27.1 | 32.8 | 33.4 | 76 | 305 |
| All EF40... | 40 | 35.1 | 35.8 | 41.4 | 42.2 | 89 | 381 |
| All EF50... | 50 | 40.0 | 40.6 | 47.4 | 48.3 | 115 | 432 |
| All EF63... | 63 | 51.3 | 51.9 | 59.4 | 60.3 | 140 | 559 |

| Product | Size | Colour | Length (m) |
|-----------------|------|--------|------------|
| EF16GY30 | 16 | Grey | 30m |
| EF20GY30 | 20 | Grey | 30m |
| EF25GY30 | 25 | Grey | 30m |
| EF32GY30 | 32 | Grey | 30m |
| EF40GY15 | 40 | Grey | 15m |
| EF50GY15 | 50 | Grey | 15m |
| EF63GY15 | 63 | Grey | 15m |
| EF16BK30 | 16 | Black | 30m |
| EF20BK30 | 20 | Black | 30m |
| EF25BK30 | 25 | Black | 30m |
| EF32BK30 | 32 | Black | 30m |
| EF40BK15 | 40 | Black | 15m |
| EF50BK15 | 50 | Black | 15m |
| EF63BK15 | 63 | Black | 15m |

Flexible Conduit TYPE ATX

A non-UL liquid tight flexible steel conduit designed to withstand an extreme temperature range.



Extreme Temperature

Flame Rating UL94-HB

Halogen Free

UV Stabilised

APPLICATIONS:

- Outdoor Equipment, Ovens, Foundries, Refrigeration
- Industrial Environments with High/Low Temperatures
- Wet and Oily Locations
- Extreme Climatic Conditions

MARKETS:

- Construction,
- Mining, Oil & Gas Refineries, Steel Mills
- Power Plants, Renewable Energy
- Rail/Transit, Ship Building
- Telecommunications,
- Utilities

MATERIALS AND PROPERTIES:

Inner Core

- Corrosion Resistant Plated Steel
- 3/8" – 2" Squarelock Profile
- 2 1/2" – 6" Fully Interlocked Profile
- 3/8" – 2" Contain Nylon Cord Packing

Liquid tight Jacket

- Flexible TPR (Thermoplastic Rubber)
- Resistant to Oils and Mild Acids
- Halogen-Free
- Extreme High/Low Temperature Range
- UV Stabilized
- Flame Rating of UL94-HB

Specifications all Models

Operating Temperature -60°C to 150°C
intermitting to 160°C

Colours Black (other colours available on request)

Compliance 

| Dimensions | Size | Diameter (mm) | | Radius (mm) | | Radius (mm) | |
|--------------|------|---------------|--------------|-------------|-------------|--------------------|---------------------|
| | | Internal Min | Internal Max | Outside Min | Outside Max | Inside Bend Static | Inside Bend Dynamic |
| All ATX16... | 16 | 12.3 | 12.8 | 17.5 | 18.0 | 38 | 102 |
| All ATX20... | 20 | 15.8 | 16.3 | 20.8 | 21.3 | 51 | 127 |
| All ATX25... | 25 | 20.8 | 21.3 | 26.2 | 26.7 | 64 | 152 |
| All ATX32... | 32 | 26.4 | 27.1 | 32.8 | 33.4 | 76 | 305 |
| All ATX40... | 40 | 35.1 | 35.8 | 41.4 | 42.2 | 89 | 381 |
| All ATX50... | 50 | 40.0 | 40.6 | 47.4 | 48.3 | 115 | 432 |
| All ATX63... | 63 | 51.3 | 51.9 | 59.4 | 60.3 | 140 | 559 |

| Product | Size | Colour | Length (m) |
|-----------|------|--------|------------|
| ATX16BK30 | 16 | Black | 30m |
| ATX20BK30 | 20 | Black | 30m |
| ATX25BK30 | 25 | Black | 30m |
| ATX32BK30 | 32 | Black | 30m |
| ATX40BK15 | 40 | Black | 15m |
| ATX50BK15 | 50 | Black | 15m |
| ATX63BK15 | 63 | Black | 15m |



RANGE

Extra Flexible Conduit TYPE VJC

Vacuum jacketed non-UL steel conduit for high-flex installations.



Extra Flexible

APPLICATIONS:

- Tight Bends
- Dynamic Flexing

MARKETS:

- Machine Tooling (OEM)
- Robotics
- Security

MATERIALS AND PROPERTIES:

Inner Core

- Corrosion Resistant Plated Steel
- 3/8" – 3" Squarelock Profile

Liquid tight Jacket

- Vacuum Jacketed Flexible PVC
- Resistant to Oils and Mild Acids

Specifications all Models

Operating Temperature -20°C to 80°C

Colours Black

Compliance **CE**

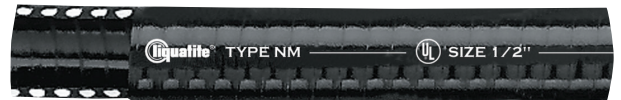
| Dimensions | Size | Diameter (mm) | | | | Radius (mm) | |
|--------------|------|---------------|--------------|-------------|-------------|--------------------|---------------------|
| | | Internal Min | Internal Max | Outside Min | Outside Max | Inside Bend Static | Inside Bend Dynamic |
| All VJC16... | 16 | 12.5 | 13.1 | 16.7 | 17.3 | 25 | 127 |
| All VJC20... | 20 | 15.8 | 16.4 | 20.3 | 20.9 | 25 | 152 |
| All VJC25... | 25 | 20.7 | 21.3 | 25.3 | 25.9 | 51 | 203 |
| All VJC32... | 32 | 26.5 | 27.1 | 31.5 | 32.1 | 76 | 254 |
| All VJC40... | 40 | 35.0 | 35.6 | 41.7 | 42.5 | 76 | 305 |
| All VJC50... | 50 | 40.0 | 40.6 | 47.0 | 48.0 | 89 | 356 |
| All VJC63... | 63 | 51.0 | 51.6 | 58.6 | 59.6 | 102 | 406 |

| Product | Size | Colour | Length (m) |
|-----------|------|--------|------------|
| VJC16BK30 | 16 | Black | 30m |
| VJC20BK30 | 20 | Black | 30m |
| VJC25BK30 | 25 | Black | 30m |
| VJC32BK30 | 32 | Black | 30m |
| VJC40BK15 | 40 | Black | 15m |
| VJC50BK15 | 50 | Black | 15m |
| VJC63BK15 | 63 | Black | 15m |

Flexible Conduit TYPE NM

A general purpose, UL and CSA listed, nonmetallic liquid tight conduit offering excellent protection to wiring from abrasion, sunlight, mild acids, alkaline and oils.

Often used for air conditioning hook-ups and other outdoor applications.



High Mechanical Strength

Listed for Direct Burial

Self-Extinguishing

Sunlight / UV Resistant

APPLICATIONS:

- For containment of 1000 volt and lower potential circuits
- Listed and marked for outdoor use.
- Listed and marked for direct burial and in poured concrete
- Installations in hazardous locations
- Electric signs and outdoor lighting over 1000 volts
- Wiring methods for pools and spas

MARKETS:

- Construction,
- Mining, Oil & Gas Refineries, Steel Mills
- Power Plants, Renewable Energy,
- Rail/Transit, Ship Building,
- Telecommunications,
- Utilities

MATERIALS AND PROPERTIES:

- Helically wound integral Type B construction, containing a spiral of rigid PVC reinforcement imbedded within the PVC wall

Specifications all Models

Operating Temperature -20°C to 80°C DRY
 -20°C to 60°C WET
 -20°C to 70°C OIL

Colours Black (other colours available on request)

Compliance  

| Dimensions | Size | Diameter (mm) | | Radius (mm) | | |
|-------------|------|---------------|--------------|-------------|--------------------|-----|
| | | Internal Min | Internal Max | Outside Min | Inside Bend Static | |
| All NM16... | 16 | 12.3 | 12.8 | 17.5 | 18.0 | 51 |
| All NM20... | 20 | 15.8 | 16.3 | 20.8 | 21.3 | 83 |
| All NM25... | 25 | 20.8 | 21.3 | 26.2 | 26.7 | 108 |
| All NM32... | 32 | 26.4 | 27.1 | 32.8 | 33.4 | 165 |
| All NM40... | 40 | 35.1 | 35.8 | 41.4 | 42.2 | 203 |
| All NM50... | 50 | 40.0 | 40.6 | 47.4 | 48.3 | 229 |
| All NM63... | 63 | 51.3 | 51.9 | 59.4 | 60.3 | 279 |

| Product | Size | Colour | Length (m) |
|----------|------|--------|------------|
| NM16BK30 | 16 | Black | 30m |
| NM20BK30 | 20 | Black | 30m |
| NM25BK30 | 25 | Black | 30m |
| NM32BK30 | 32 | Black | 30m |
| NM40BK30 | 40 | Black | 30m |
| NM50BK15 | 50 | Black | 15m |
| NM63BK15 | 63 | Black | 15m |



RANGE

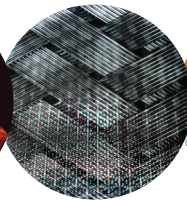
Flexible Conduit TYPE NMHT

This version of Type NM is designed to withstand high-temperature environments.

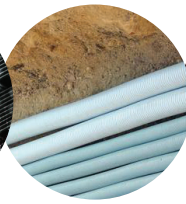
NMHT can be used to contain conductors having insulation materials with higher temperature ratings.



High Temperature



High Mechanical Strength



Listed for Direct Burial



Self-Extinguishing



Sunlight /UV Resistant

APPLICATIONS:

- For containment of 1000 volt and lower potential circuits
- Listed and marked for outdoor use.
- Listed and marked for direct burial and in poured concrete
- Installations in hazardous locations
- Electric signs and outdoor lighting over 1000 volts
- Wiring methods for pools and spas

MARKETS:

- Cell Towers
- Construction
- Power Plants
- Renewable Energy
- Telecommunications
- Utilities
- Wastewater Treatment

MATERIALS AND PROPERTIES:

- Helically wound integral Type B construction, containing a spiral of rigid PVC reinforcement imbedded within the PVC wall

Specifications all Models

Operating Temperature -20°C to 105°C DRY
 -20°C to 60°C WET
 -20°C to 70°C OIL

Colours Black (other colours available on request)

Compliance

| Dimensions | Size | Diameter (mm) | | Radius (mm) | | |
|---------------|------|---------------|--------------|-------------|-------------|-----|
| | | Internal Min | Internal Max | Outside Min | Outside Max | |
| All NMHT16... | 16 | 12.3 | 12.8 | 17.5 | 18.0 | 51 |
| All NMHT20... | 20 | 15.8 | 16.3 | 20.8 | 21.3 | 83 |
| All NMHT25... | 25 | 20.8 | 21.3 | 26.2 | 26.7 | 108 |
| All NMHT32... | 32 | 26.4 | 27.1 | 32.8 | 33.4 | 165 |

| Product | Size | Colour | Length (m) |
|------------|------|--------|------------|
| NMHT16BK30 | 16 | Black | 30m |
| NMHT20BK30 | 20 | Black | 30m |
| NMHT25BK30 | 25 | Black | 30m |
| NMHT32BK30 | 32 | Black | 30m |



RANGE

Flexible Conduit TYPE FG

Food Grade nonmetallic liquid tight conduit that offers excellent protection to wiring from abrasion, sunlight, mild acids, alkaline, and oils. It is intended for food and beverage machinery applications.



Food Grade

Sunlight /UV Resistant

APPLICATIONS:

- This conduit can be used for “Splash Zone” food and beverage contact per FDA CFR21 and NSF 51/61 requirements. It is intended for a variety of wiring applications on food processing equipment or clean rooms requiring motion, vibration, and bending
- Smooth exterior for easy wash down
- Resistant to Bleach (Sodium Hypochlorite)
- Will not promote bacteria growth

MARKETS:

- Food Processing
- Healthcare
- Pharmaceuticals

MATERIALS AND PROPERTIES:

- Helically wound integral Type B construction, containing a spiral of rigid PVC reinforcement imbedded within the PVC wall
- FDA-approved compound PVC

Specifications all Models

Operating Temperature -20°C to 80°C DRY
 -20°C to 60°C WET
 -20°C to 70°C OIL

Colours White

Compliance

| Dimensions | Size | Diameter (mm) | | | | Radius (mm) |
|----------------------|------|---------------|--------------|-------------|-------------|--------------------|
| | | Internal Min | Internal Max | Outside Min | Outside Max | Inside Bend Static |
| All NMFG16... | 16 | 12.3 | 12.8 | 17.5 | 18.0 | 51 |
| All NMFG20... | 20 | 15.8 | 16.3 | 20.8 | 21.3 | 83 |
| All NMFG25... | 25 | 20.8 | 21.3 | 26.2 | 26.7 | 108 |
| All NMFG32... | 32 | 26.4 | 27.1 | 32.8 | 33.4 | 165 |

| Product | Size | Colour | Length (m) |
|-------------------|------|--------|------------|
| NMFG16WH30 | 16 | Black | 30m |
| NMFG20WH30 | 20 | Black | 30m |
| NMFG25WH30 | 25 | Black | 30m |
| NMFG32WH30 | 32 | Black | 30m |



Flexible Conduit INDENT

There is a large extended range of genuine Liquatite® conduits available on indent. Each conduit type has features that can make it highly adaptable and perfect for a particular combination of uses. So when you have a unique application or needing a specific feature set, talk to your local Omega supplier about which Liquatite® is right for your next project.

JACKETED METALLIC

TYPE LA : A flexible steel conduit that offers outstanding protection against wet, oily conditions and is permitted for use in exposed or concealed locations.. UL and CSA "Heavy-Duty".

TYPE LAFG : A flexible liquid tight steel conduit that is now antimicrobial and is designed for installations regarding motion, vibration, and bending on food processing equipment. UL, CSA.

TYPE CBLA : Computer Blue LA is a liquid tight flexible steel conduit commonly used for computer room installations. The blue jacket color easily identifies circuitry for computer power wiring. UL and CSA "Heavy-Duty".

TYPE CSA : CSA's design and function is similar to that of LA, except that it cannot be used as a ground return path per Canadian code. UL and CSA "Heavy-Duty".

TYPE ATLA : A flexible steel conduit designed specifically for extreme hot or cold environments. The flexible inner core is identical to Type LA. The specially formulated PVC jacket remains flexible at low temperatures and resists aging at elevated temperatures. UL, CSA.

TYPE AT : A flexible steel conduit that uses a jacketing material specifically designed for hot or cold environments. Non UL.

TYPE ALT : This version of oil-resistant, flexible conduit is similar to Type LT but weighs considerably less due to the use of an aluminium inner core instead of steel. Non UL.

TYPE ZHLA : Non-halogen, low smoke and low flame spread make A proven choice for applications where limiting toxic materials of combustion are an important issue. Since ZHLA is also UL listed and CSA certified for "Heavy-Duty" applications, it is ideal for field installation in confined, public areas such as subways, tunnels, etc.

JACKETED METALLIC ...continued

TYPE CEA : This liquid tight flexible steel conduit is designed for applications where safety concerns exist regarding a material's reaction in a fire situation. Non UL.

TYPE LTSS : A flexible oil-resistant stainless steel conduit designed for a variety of installations requiring motion, vibration and bending. It offers excellent resistance to corrosion. Non UL.

TYPE ZHSS : This flexible stainless steel conduit is designed for applications where safety concerns exist regarding a material's reaction in a fire situation. It offers excellent resistance to corrosion. Non UL.

TYPE ATXSS : This flexible stainless steel conduit is designed to withstand an extreme temperature range. It offers excellent resistance to corrosion. Non UL.

TYPE ATSS : A flexible stainless steel conduit that uses a jacketing material specifically designed for hot or cold environments. Non UL.

EMI/RFI SHIELDING

TYPE SLA : Part of the SHIELD-FLEX® family of EMI/RFI Shielding conduits. Type SLA is identical to standard UL listed Type LA but is augmented with a tinned copper shielding braid located over the inner steel core and under its protective PVC jacket.

TYPE EMS : Part of the SHIELD-FLEX® family of EMI/RFI Shielding conduits. Type EMS has an inner core that is made from a fully interlocked bronze strip and does not contain a braided shield.

TYPE EMCS : Part of the SHIELD-FLEX® family of EMI/RFI Shielding conduits. Type EMCS is a hybrid of SLA and EMS. It utilises the same bronze core and PVC jacket as EMS, but gets further screening protection from a tinned copper braid as found in the SLA product.

UNJACKETED METALLIC

TYPE BR : "Blue Ribbon" This non-jacketed flexible steel conduit has many universal wiring applications. Often referred to as "Greenfield" or "Reduced Wall Flex".UL.

TYPE ABR : Aluminium "Blue Ribbon" This non-jacketed flexible aluminium conduit has many universal wiring applications. Often referred to as "Greenfield" or "Reduced Wall Flex". UL.

TYPE ABRH : This non-jacketed flexible aluminium conduit has many universal wiring applications. It is often referred to as "Heavy Wall Flex". CSA.

TYPE USL : This extra-flexible steel conduit is recognized by UL and CSA for use within listed and certified assemblies.

TYPE UG : A fully-interlocked flexible steel conduit designed for high strength in "tight-spot" installations. Non UL.

TYPE SL : This extra-flexible product, available in the smaller diameters, is designed for tight-spot installation and where continuous flexing is required of a steel wound hose. Non UL.

NONMETALLIC

TYPE LNMP : Ideally suited for continuous flexing situations. Often specified in "Power Track" or cable carrier installations and on industrial robots. It does not contain a metal core which could fatigue from repeated flexing or vibration. UL, CSA.

TYPE NM2 : This extra-flexible light weight nonmetallic tubing cuts easily and installs quickly. It is ideal for wiring protection in tight quarters and for tight bends. The thin, flexible PVC skin allows for greater movement than UL nonmetallic conduits.

CORRLOK® : A nylon corrugated Mechanical Protection Tubing (MPT) designed for the support and routing of conductors and cables. It is used as a UL / CSA component within OEM equipment.

Liquid Tight Connectors

Compatible brass fittings available in straight, 45 degree and 90 degree connectors, in range of sizes and lengths.

APPLICATIONS:

- For liquid tight connection of all genuine Liguatite® conduits.



| Product | Size | Type | Material |
|-----------------|------|-----------|----------|
| LMC16 | 16 | Straight | Brass |
| LMC16D45 | 16 | 45 degree | Brass |
| LMC16D90 | 16 | 90 degree | Brass |
| LMC20 | 20 | Straight | Brass |
| LMC20D45 | 20 | 45 degree | Brass |
| LMC20D90 | 20 | 90 degree | Brass |
| LMC25 | 25 | Straight | Brass |
| LMC25D45 | 25 | 45 degree | Brass |
| LMC25D90 | 25 | 90 degree | Brass |
| LMC32 | 32 | Straight | Brass |
| LMC32D45 | 32 | 45 degree | Brass |
| LMC32D90 | 32 | 90 degree | Brass |
| LMC40 | 40 | Straight | Brass |
| LMC40D45 | 40 | 45 degree | Brass |
| LMC40D90 | 40 | 90 degree | Brass |
| LMC50 | 50 | Straight | Brass |
| LMC50D45 | 50 | 45 degree | Brass |
| LMC50D90 | 50 | 90 degree | Brass |
| LMC63 | 63 | Straight | Brass |
| LMC63D45 | 63 | 45 degree | Brass |

APPLICATION GUIDE

With nearly 50 types of Liguatite® conduit available there will be the right one for your next project.

Listed here are the typical market applications for our range of Liguatite® conduits.

| TYPE | CATEGORY | Construction | Machine Tools (OEM) | Utilities | Telecommunications | Cell Towers | Data Centres | Security | Defence | Mining | Oil / Gas Refineries | Steel Mills | Power Plants | Renewable Energy | Wastewater Treatment | Rail / Transit | Aerospace | Ship Building | Robotics | Food Processing | Healthcare | Pharmaceuticals | Fixture/AC Whips |
|---------------------|---------------------|--------------|---------------------|-----------|--------------------|-------------|--------------|----------|---------|--------|----------------------|-------------|--------------|------------------|----------------------|----------------|-----------|---------------|----------|-----------------|------------|-----------------|------------------|
| CORE RANGE | | | | | | | | | | | | | | | | | | | | | | | |
| LTJOR | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| EF | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ATX | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| VJC | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| NM | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| NMHT | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| NMFG | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| INDENT RANGE | | | | | | | | | | | | | | | | | | | | | | | |
| LA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LAFG | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LTFG | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CBLA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CSA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ATLA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| AT | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ALT | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ZHLA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CEA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LTSS | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ZHSS | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ATXSS | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ATSS | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| SLA | EMI/RFI Shielding | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| EMS | EMI/RFI Shielding | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| EMCS | EMI/RFI Shielding | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| BR | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ABR | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ABRH | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| USL | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| UG | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| SL | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LNMP | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| NM2 | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CORRLOK | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

FEATURE GUIDE

With nearly 50 types of Liqueatite® conduit available there will be the right one for your next project.

Listed here are the typical features for our range of Liqueatite® conduits.

| TYPE | CATEGORY | Flexible | Small Bend Radius | Continued Flexing | Pliable (Static) | Steel | Aluminium | Stainless Steel | Bronze | PVC | TPR | PU | NSF/FDAVC | Nylon | High Mechanical Strength | For Direct burial | Halogen Free | Low Fire Hazard | Self-Extinguishing | Sunlight/UV Resistant | EMI / RFI Shielding | UL listed | CSA certified | CE approved | |
|---------------------|---------------------|----------|-------------------|-------------------|------------------|-------|-----------|-----------------|--------|-----|-----|----|-----------|-------|--------------------------|-------------------|--------------|-----------------|--------------------|-----------------------|---------------------|-----------|---------------|-------------|---|
| CORE RANGE | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTOR | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| EF | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ATX | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| VJC | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| NM | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| NMHT | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| NMFG | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| INDENT RANGE | | | | | | | | | | | | | | | | | | | | | | | | | |
| LA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LAFG | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LTFG | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CBLA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CSA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ATLA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| AT | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ALT | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ZHLA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CEA | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LTSS | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ZHSS | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ATXSS | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ATSS | Jacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| SLA | EMI/RFI Shielding | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ○ | ○ | ● | ● | ● | ● | ● | ● | ● |
| EMS | EMI/RFI Shielding | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ○ | ○ | ● | ● | ● | ● | ● | ● | ● |
| EMCS | EMI/RFI Shielding | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ○ | ○ | ● | ● | ● | ● | ● | ● | ● |
| BR | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ABR | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| ABRH | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| USL | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| UG | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| SL | Unjacketed Metallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| LNMP | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| NM2 | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| CORRLOK | Nonmetallic | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

○ Available on request

electri-flex



Standard Stocked Range

The core range of Liquatite® conduit stocked by Omega is ideal for general purpose use (including residential construction), and suitable for external and underground applications,

Industry-Specific Indent

The rest of the Liquatite® conduit range is available on fast turnaround indent. Just talk to your local Omega supplier on what is the right conduit for your particular application.

Flexible Conduit Types

Non-metallic, bronze, steel or stainless steel with PVC or PU or TPR coating.

UL, CSA or CE accreditation..

Most conduits are self-extinguishing, offer high mechanical strength and sunlight/UV resistance.

Others are suitable for direct burial, or in low fire hazard need areas.

The Liquatite® range also includes specific halogen-free and/or EMI/RFI shielded conduit options.

Your National Supplier

When you require the genuine Liquatite® conduit and its inherent qualities and reliability, call Omega.



Conduits available in various diameters and lengths

Brass fittings available: straight, 45 degree and 90 degree connectors



Exclusively
Distributed by



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