



Hexatronic

Hexatronic enables non-stop connectivity for communities worldwide. We partner with customers across five continents – from telecom operators to network owners – offering leading-edge fiber technology and solutions for any and all conditions.

Together, the companies in Hexatronic Group develop products and world-class solutions that create development opportunities for people across the world.

Hexatronic offers a complete range of passive fiber optic infrastructure. We design, develop, manufacture, and market our own products, solutions, and services to work together optimally. Also, we represent leading worldwide manufacturers of specialized tools and equipment.

Owning our complete production chain gives us great flexibility and enables us to respond quickly to unique customer requests. With innovation, vast technical knowledge, a high level of service, and complete commitments, we work every day to improve our offering.

World class innovative design and development

We always strive to be a step ahead of the market needs, and to constantly enhance our products' properties. That's why we continuously develop products, solutions, processes, and methods to improve network performance for the customers and reduce the environmental footprint.

Fully flexible – and confident

With our total control over the production chain, we safeguard capacity – and have the flexibility to customize production for unique customer requests.

We're so confident with our well-considered product range – with its high quality and maximum compatibility – that we offer extended warranties.

Adding the keys to maximize your outcome

There is a massive shortage of people who know how to optimally design, project manage and install fiber optic networks.

That's why we offer customized training programs, field support, design and project management services.

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Single and Multiport Duct Seals

The Hexatronic duct sealing range includes single way simplex seals and multiport triplex and quadruplex seals. This range is utilised in traditional duct networks where conduit needs to remain uncontaminated for future adds, moves and changes. These seals can also be used to effectively eliminate potentially harmful gasses from passing into chambers, buildings or cabinets.

Cable and Duct Seals – Multi Port

Triplex and Quadruplex Duct Seal for Cables

- Water and air tight
- Triplex or quadruplex seals for standard subduct
- Simple installation around installed subducts or cables
- Holds and organizes subducts or multiple cables in main duct

Applications

Multiport cable and duct seals are installed into 100mm conduit to prevent the incursion of water and dirt into the interstices of an occupied conduit. It also effectively blocks potentially dangerous vapors. The

split design allows these to be retrofit after cable installation into the pipe.

Design

These multiport seals are manufactured from high EPDM rubber and the frame and fixings are high grade stainless steel. Their innovative design allows for water and air tight connection around subduct and cables when installed into conduit.

Colour

Silver and black



Article number	Article name	Layout	Outer Diameter Ø [mm]	Port Diameter Ø [mm]	Weight [kg]
NDM11030/11	Triplex 100/3*40mm Stainless Steel	3×40	100	40	0.5
NDM11030/12	Quadplex 100/4*32mm Stainless Steel	4×32	100	32	0.64

Cable and Duct Seals - Simplex

Divisible simplex duct seals

Features

- Water and air tight
- Seals both PVC and HDPE ducts
- Simple installation
- Fully divisible design
- Retrofit over installed cable
- Suitable for a wide range of cable sizes
- Twist lock to seal
- Versions for all common ducts

Application

Hexatronic's range of divisible simplex cable duct seals are designed for installation over in place cable in duct or subduct. They are intended to be retrofitted

over fiber or copper communications cable to provide a dirt, water and air tight seal of the duct.

Design

These seals are constructed of quality thermoplastic with a silicone rubber seal. The body, seal and nut can be fully divided to allow for retrofit over in place cable, ensuring easy installation. The inner rubber seals are provided with several step down inserts to accept a wide range of cable diameters.

Colour

Black/White



Article number	Article name	Duct Outer Diameter Ø [mm nominal]	Duct Inner Diameter Ø [mm]	Cable Diameter Ø [mm]	Weight [kg]
NDM11030/01	Divisible Simplex Duct Seal 25mm: 5.1 - 8.9mm	25	18.8 - 20.3	5.1 - 8.9	0.01
NDM11030/02	Divisible Simplex Duct Seal 25mm: 6.9 - 8.9mm	25	18.8 - 20.3	6.9 - 8.9	0.01
NDM11030/03	Divisible Simplex Duct Seal 25mm: 8.0 - 12.7mm	25	19.8 - 21.0	8.0 - 12.7	0.01
NDM11030/04	Divisible Simplex Duct Seal 32mm: 5.0 - 9.0mm	32	25.4 - 29.0	5.0 - 9.0	0.04
NDM11030/05	Divisible Simplex Duct Seal 32mm: 9.0 - 15.0mm	32	23.4 - 25.9	9.0 - 15.0	0.04
NDM11030/06	Divisible Simplex Duct Seal 40mm: 5.0 - 9.0mm	40	31.0 - 34.5	5.0 - 9.0	0.06
NDM11030/07	Divisible Simplex Duct Seal 40mm: 9.0 - 15.0mm	40	31.0 - 34.5	9.0 - 15.0	0.06
NDM11030/08	Divisible Simplex Duct Seal 40mm: 14.0 - 18.0mm	40	31.0 - 34.5	14.0 - 18.0	0.06
NDM11030/09	Divisible Simplex Duct Seal 50mm: 9.0 - 15.0mm	50	37.1 - 41.9	9.0 - 15.0	0.10
NDM11030/10	Divisible Simplex Duct Seal 50mm: 13.0 - 18.0mm	50	37.1 - 41.9	13.0 - 18.0	0.10

Duct Plugs and Covers

The Hexatronic plug and cover range for ducts includes options for both reusable duct end stops and permanent sealing of ducts or cable ends. The end stops are typically utilised to stop contamination of spare ducts or sub-ducts. The heatshrink end caps are intended for use during the installation of conduit to prevent contamination, and to protect against water ingress into exposed cable ends.

End Stops for Ducts and Multiport Seals

Simplex duct plugs

Features

- Water and air tight
- Seals both PVC and HDPE ducts
- Simple installation
- Twist to tighten
- Easy removal with pulling eye
- Versions for all common ducts

Application

End stops are employed in empty ducts, subducts and multiport seals to effectively block dirt, water and vapour from contaminating duct networks.

Widely use in conjunction with our range of multiport seals to temporarily block spare subducts for future use.

Design

Constructed from high quality polymers, these end stops are robust and provide an effective seal when installed. They are simply pushed in place and the eyelet is rotated to provide expansion of the sealing surface. The eyelets allow for easy handling and removal.

Colour

Black



Article number	Article name	Duct Outer Diameter Ø [mm nominal]	Duct Inner Diameter Ø [mm nominal]	Weight [kg]
MPB30630/01	End Stop for 25mm Duct	25	21	0.02
MPB30630/02	End Stop for 32mm Duct	32	27	0.03
MPB30630/03	End Stop for 40mm Duct	40	34	0.05
MPB30630/04	End Stop for 50mm Duct	50	43	0.07
MPB30630/05	End Stop for 63mm Duct	63	50	0.09

Heat Shrink End Caps

End Caps for Cables and Microducts

Features

- Compatible with common cables and ducts
- Hot melt adhesive lining provides effective seal
- Can be utilised on irregular cable sheaths
- Excellent resistance to weathering,
- Seals against moisture and contamination
- Various sizes available

Application

Heat shrink end caps provide a dirt and water tight seal against ingress. These end caps are typically used during installation of ducts, subducts, microducts and cable during hauling to prevent contamination through the exposed end.

Design

These heatshrink end caps are constructed of quality heat shrinkable polyolepfin with a glue lining. with a silicone rubber seal. The glue lining provides a permanent and tight seal even on irregular cable sheaths.

Colour

Black



Article number	Article name	Duct/Cable Minimum Diameter Ø [mm]	Duct/Cable Maximum Diameter Ø [mm]
MPB30401	Heat Shrink End Cap: 4-8mm	4	8
MPB30402	Heat Shrink End Cap: 8-16mm	8	16
MPB30403	Heat Shrink End Cap: 16-35mm	16	35
MPB30404	Heat Shrink End Cap: 25-47mm	25	47
MPB30405	Heat Shrink End Cap: 42-68mm	42	68

A lasting link to the future

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