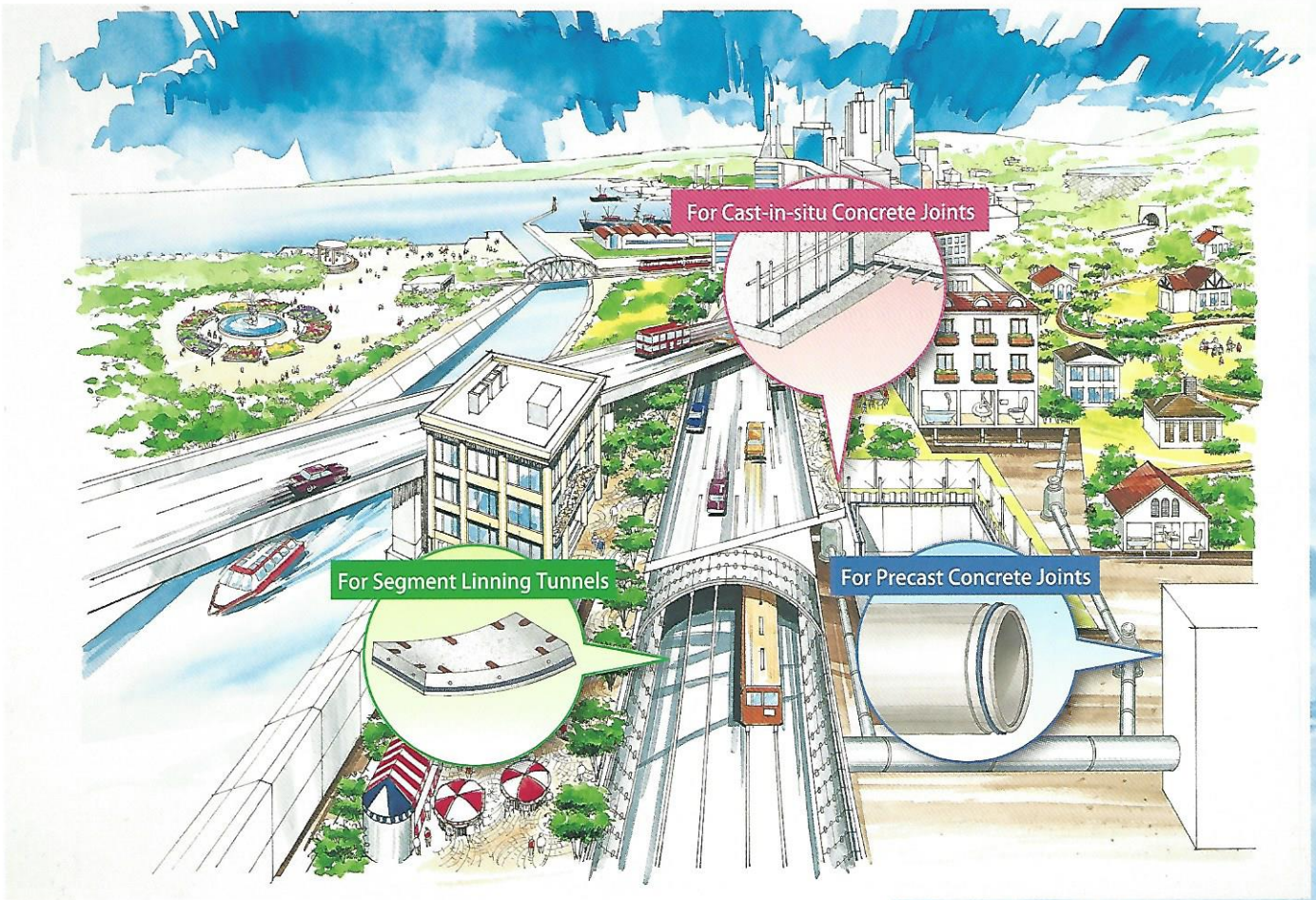


Hydrotite

— A water sealing material site formed concrete joints —



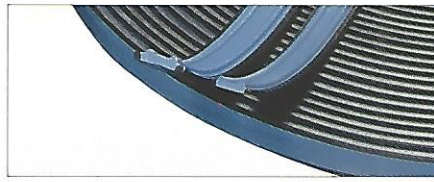


For Segment Lining Tunnel Seal

Underground tunnel by shield tunnel works are getting deeper and larger. Hydrotite has been developed to follow up such growing market demand.

There are wide variation of sealing materials and other relating accessories for shield tunnel project. And thus, Hydrotite have been used in world-wide big and small projects such as water sewage tunnels and under-sea transportation tunnels.

Hydrotite Tunnel -Composite Type



DS series



DSH-rib series



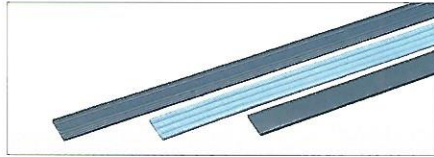
DSS series



DSH series



Hydrotite Tunnel -Mono Type



SS series



MS series



RS series



GR series

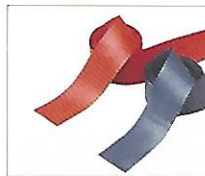


Adhesive



AT-G-10
Chloprene Rubber base
Contact Adhesive
15kg/tin

Corner Seal



SC-CB



SCT



Corner Welding, Pre-fabricated Seamless Seal



Lubricant



Hydro-Soap V-1
Fatty acid salt base lubricant
18kg/tin

Packing for balt hole



GRM series



GRB series



Packing for grouting hole



GH series

For Pre-cast Concrete Segment Seal

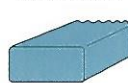
A variety of items are provided such as AquaTack-seal for joints of precast concrete manhole, Manhole Pipe joint Seals for attaching part of concrete joints and Manhole-step Ring for step portion of Manhole structure. Also there are ranges of Joint seals for Box Culvert and L-shape-butter Seal.

These items can be expected effective water-sealing for Pre-cast Concrete joints for Water Sewage Lines, Electric/Transmission cable Pipes, Underpass and underground car park.

Manhole Joint Seal



Aqua Tackseal



Box Culvert, L-shape-gutter Seal



CPFA series



CJ series



DSHF series

Manhole Pipe Joint Seal



PVC PipeJoint



MJF-0540

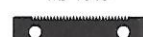


MJS-0540

Hume PipeJoint



MJ-1040

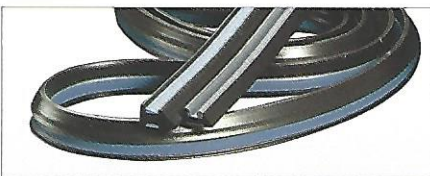


MJS-1040

Manhole-step Ring



Hume Pipe Joint Seal



BH-II series



JH/ CH series



SH series



For Cast-in-situ Concrete Joint Seal

It is mandatory to have high performance on water sealing for Sealing Materials used for concrete joints under ground structures in Civil Engineering and Construction works. There are varieties of items such as, Hydrotite CJ with excellent water sealing property by well-designed shape and LEAKMASTER that can be applied around H-flange beam easily and other water sealing materials.

One Component type Water Swelling Sealant



Sausage type (contents: 600ml)

One Component Adhesive for Hydrotite CJ



CJ BOND ATX (contents: 330ml)

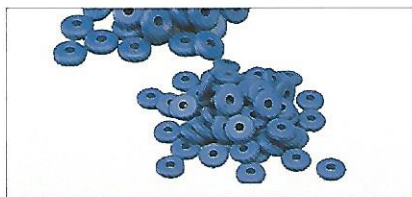
Sleeve Pipe Seal Ring

MSR Seal is designed to seal water passage around steel pipes and plastic pipes in wall-penetrating application. To get most effective sealing capability, we supply in pre-fabricated ring shape fit to each pipe dimension.



Water Spot Ring

Tie-rod Seal



CSR ring
8mm dia.
9mm dia.
12mm dia.
16mm dia.

Hydrotite CJ series



CJ-0725-3K

CJ-0720-2K
CJ-1020-2K

CJ-2020-M
CJ-3030-M

According to site specification and application, you can choose proper type and shape from Hydrotite CJ standard type, Hydrotite CJTA - low expansion with Alkali delay coating type and Hydrotite CJ-AD - self adhesive back type.

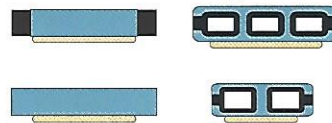
Hydrotite CJ series have excellent long term durability and chemical resistance, thus Hydrotite CJ series can be used in such applications requiring very high spec, basement of large commercial buildings, subway and underground car parks. Water reservoir and Water treatment plant can be applicable.

Hydrotite with self adhesive

To achieve easier installation, new profiles with self adhesive are developed for construction joints and pipe through hole application. No glue and special treatment is required to stick on concrete joint, metal plates, steel pipes and plastic pipes.

*Adhesion strength is varied by temperature and other environment factors.

*Laitances, oil and dust or any foreign materials should be removed before install seals.



Water Swelling Butyle Rubber Seal -Butyl Tackseal

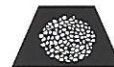
Butyl Tackseal is used for cast-in-situ concrete construction joints in general construction works. As it is soft and tacky, Butyl Tackseal is good to use in rough surface concrete joints, besides no joint treatment is required and is easy to install at job sites.

Mono type can be used as seal of joints around pipes or even tie-rods.

Mono type
3x10mm
5x20mm
10x15mm
10x20mm



Composite type
15x20mm
20x25mm



Co-extruded Water Swelling PVC Waterstop



Vynon Super ATP



Mainbody
 Hydrophilic portion

Self adhesive Hydrotite for PVC Waterstop

Conventional PVC Waterstops are still major solution for expansion joints in large concrete structures, such as dams and dock. In case big joint movement is happened and large gap is generated, conventional PVC Waterstops cannot follow up such movement. To get secondary sealing, Hydrotite may be a solution and it is just to stick to both sides of the Waterstops.



SST-0310-2M-AD

For various application, Packing and Repair-use

It is not only in large civil engineering or construction works, but also in our daily life and houses that we have problem and are bothered by water leakage, unexplained water passage.

To solve such problems, we are willing to design and develop shapes and characteristics for each case.

Hydrotite RSS series are good to use in such applications of joint repair or thru-hole repair and other wide range of applications.

Various Packings



Existing Joints, Repair works and so on



RSS-P RSS-D RSS-C

Hydrotite

The reputation since it was developed has proved high quality credibility of Hydrotite.

Hydrotite is well known as a superior water sealant. Unlike conventional water sealants, Hydrotite has a unique double action system. First, the rubber elasticity forms a seal between the two surfaces. Second, unique to Hydrotite, the rubber absorbs water thus expanding within the joint gap, increasing sealing pressure water leakage is prevented as any joint opening due to external forces is automatically sealed by Hydrotite's water absorption.

Hydrotite products are world renowned for their long term stability and durability. Hydrotite seals can vary in their expandability depending on the required design and specific application.

Hydrotite continues to be used in a variety of applications from under water tunnels and water supply/drainage systems to civil engineering construction projects. Hydrotite prevents leakage problems before they occur.

