



tieh Phule Auto Phus PhulzerGreene Efficient PhuizerGreen[®] AMC Plus **矩距高效抗菌環保酸面鋼捲**

本產品完全符合歐盟 RoHS 指令之法規要求 THIS PRODUCT COMPLIES WITH EU ROHS DIRECTIVE.





永遠最好 Always the best

燁輝高效抗菌環保鍍面鋼捲 PhuizerGreen[®] AMC Plus Yieh Phui Anti-Microbial Plus Metallic Coated Steel Sheets

說明

「退伍軍人症」緣於 1976 年 7 月,美國退伍 軍人協會在費城舉辦的大會期間,所爆發的一 場大規模的細菌感染。美國每年約有 8,000 至 18,000 人感染退伍軍人症。2008 年 2 月,於 英國的格拉斯哥 (Glasgow),更爆發四起死亡 之病例。

於2007年,被稱為超級細菌的抗藥性金黃色 葡萄球菌 (簡稱為 MRSA),在美國的致死率高 於愛滋病。不僅紐約市遭到 MRSA 的襲擊,康 乃迪克州、馬里蘭州、俄亥俄州及密西根州等 相繼傳出 MRSA 病例。根據美國醫學會期刊 (The Journal of American Medical Association) 報導,每 100,000 個美國人中每年有 32 人會受 到 MRSA 的感染。

雖然人們相信未來的醫療科技將消滅所有致病的細菌,然而新的病菌卻不斷的在進化演變甚 至釀成重大災難。細菌變異對人類的生存充滿 威脅,所以我們以及下一代要如何遠離病菌的 威脅呢?

建立抗菌環境的必要性

病菌充斥我們生存的環境,生活中常見的病菌 如下:

- 金黃色葡萄球菌→常造成皮膚性感染及菌血症
- 綠膿桿菌→常造成敗血症及肺炎
- 大腸桿菌→常造成腹瀉及腎衰竭
- 肺炎桿菌→常造成肺炎及胸膜炎
- 退伍軍人菌→常造成呼吸衰竭及肺炎
- 白喉桿菌→常造成白喉病

經由消毒殺菌的方法雖可將細菌滅除,但效果 短暫。要能夠有效抑制細菌的滋生,同時保護 人體避免被病菌侵入才是關鍵。因此,近來為 促進人體健康而極力推廣的抗菌相關材料,漸 成世界風潮。

Description

In July 1976, the first outbreak of Legionnaires' disease occurred among veterans attending a convention of the American Legion in Philadelphia. It's estimated that 8,000 to 18,000 people suffer from the disease in the United States each year. In February 2008, 4 deaths were reported in Glasgow, United Kingdom.

In 2007, a so-called MR-SA (methicillin-resistant Staphylococcus aureus) superbug caused a higher fatality rate than HIV/AIDS did in the United States. Not only was New York City plagued by MRSA, similar cases were also reported in Connecticut, Maryland, Ohio and Michigan. According to the Journal of American Medical Association (JAMA), 32 of every 100,000 Americans fall victim to MRSA every year.

People have always believed that pathogens will eventually be destroyed by medical advances. New pathogens and/or the mutation of microbes, however, keep posing a threat to humans. Seeking the protection for our loved ones becomes an important issue.

The Necessity of Building an Anti-Microbial Environment

We are now living in an environment surrounded by pathogens. The most common ones and the diseases they cause are shown below.

- Staphylococcus aureus
 → skin infections and bacteremia
- Pseudomonas aeruginosa
- \rightarrow septicemia and pneumonia
- Escherichia coli

 → diarrhea and kidney failure
- Klebsiella pneumoniae
 → pneumonia and pleurisy
- Legionella pneumophilia
- → respiratory failure and pneumonia
- Corynebacterium diphtheriae --> diphtheria

Disinfection provides an instant and, yet, temporary solution. The key point should be finding a solution to inhibit the growth of pathogens and protect humans from their attacks at the same time.

Anti-microbial materials appear to be the answer, and have been widely utilized to create a healthy living environment. Indeed, "anti-microbial" materials have become a trend worldwide. 永遠最好 Always the best

燁腪高效抗菌環保鍍面鋼捲 PhuizerGreen[®] AMC Plus Yieh Phui Anti-Microbial Plus Metallic Coated **Steel Sheets**

抗菌鋼播

鋼材具有經濟、易加工成形、使用壽命長並可回收 之優點,普遍運用於日常生活中,可稱為綠色環保 材料。隨著健康意識的提昇,消費者對鋼材的性能 不僅只限於符合環保訴求,可減少人體與細菌的接 觸,進而改善健康環境的抗菌鋼材對消費者更具吸 引力。

為提供安全、健康的居住環境,本公司於2009年 率業界之先研發供應抗菌鍍面烤漆鋼品,稱為「燁 輝抗菌環保鍍面鋼捲」與「燁輝抗菌及高效抗菌環 保烤漆鋼捲」。對於金黃色葡萄球菌、綠膿桿菌、 大腸桿菌等生活中常見細菌具有優異的抑菌效果, 應用於空調風管以及室內隔間裝潢面板成形,並成 功獲得學校、醫院的採用。

近年來有鑑於消費者對於居住環境安全意識的抬頭 與重視,本公司經多年研發,更於2018年成功開 發高效型抗菌鍍面鋼品,稱為「燁輝高效抗菌環保 鍍面鋼捲,。除對上述常見細菌具有抑菌效果外, 對退伍軍人菌及白喉桿菌更具有優異的抗菌能力, 可更廣泛的應用及提供更安全、健康的生活環境。

燁輝高效抗菌環保驗面鋼據之特色

本公司及塗料供應商與抗菌材料業者合作,生產製 造獨特的高效抗菌鋼捲。鋼捲表面含有高效奈米級 長效穩定之抗菌成分塗膜,能有效抑制細菌的生 長,可避免因細菌而造成異味、污漬、甚至是食物 中毒及過敏等之威脅。

燁輝所使用之高效抗菌成分能更有效穿透細菌的細 胞壁,破壞其結構組織,抑制生長繁殖。高效抗菌成 分均匀分佈於環保表面鈍化層中,在鋼捲表面形成 持久的抗菌塗膜,應避免受到外力及化學物質破壞, 於正常使用條件下不易被沖洗或擦拭掉;而所使用 之抗菌成分對人體或環境亦不會造成任何的傷害。 燁輝企業的高效抗菌環保驗面鋼捲已通過 SGS、食

Steel with Anti-Microbial Additive

Steel is formable, long lasting, recyclable and commonly used in our daily life. In fact, it is so-called green steel. With the increased health awareness, consumers are expecting steel to be more than just environmentally friendly. Antimicrobial metallic coated steel now has a popular appeal for consumers as it prevents the growth of microbes on the surface, and, consequently, improves our well-being to a great extent.

In order to provide a safe and healthy living environment. Yieh Phui, as a pioneer among rivals, developed antimicrobial coated steel sheets in 2009. The products, named "Yieh Phui Anti-Microbial Metallic Coated Steel Sheets" and "Yieh Phui Anti-Microbial (Plus) Color Coated Steel Sheets", offer excellent inhibition ability against Staphylococcus aureus. Pseudomonas aeruginosa, and Escherichia coli. They are applied to ducting and indoor partitions, and widely adopted by schools and hospitals.

In view of the greater consciousness on the safe living environment in recent years, after years of research, Yieh Phui has developed anti-microbial plus metallic coated steel sheets (PhuizerGreen® AMC Plus). Besides of general restraint ability to bacteria, it provides with extraordinary inhibition to Legionella pneumophilia and Corynebacterium diphtheriae. Thus, it creates a safer and healthier living environment.

Features of Yieh Phui Anti-Microbial Plus Metallic Coated Steel Sheets

Yieh Phui has been closely cooperating with our suppliers in development of anti-microbial products. Combining corrosion-resistant surface passivation and anti-microbial additives, we successfully bring you Yieh Phui metallic coated steel sheets with anti-microbial function. The antimicrobial additives effectively and lastingly inhibit the growth of bacteria which give rise to odor, stain, food poisoning, and allergies.

The additives are able to penetrate microbes' cell walls and disrupt their cell structure, stopping bacterial reproduction. Being incorporated into environmentally friendly surface passivation, the additives form a durable anti-microbial film which will not be easily wiped off or washed away. Besides, the additives are harmless to human body and our living environment.

Yieh Phui Anti-Microbial Plus Metallic Coated Steel Sheets are certified by SGS, Food Industry Research and 2

永遠最好 Always the best





品工業發展研究所和其它權威機構的抗菌測試(依 據 JIS Z 2801:2010 標準), 能夠有效抑制常見之 金黃色葡萄球菌、大腸桿菌、綠膿桿菌、肺炎桿菌、 退伍軍人菌和白喉桿菌之生長。除此之外,對於常 見於醫療院所中,如抗藥性金黃色葡萄球菌(俗稱 為「超級細菌」)等頑強菌種,亦同樣能達到抑制成 長的效果。

用途

| ٠ | 風管 | ٠ | 隔間 | ٠ | 冷凍庫 |
|---|---------|---|----|---|-----|
| | 1 m m m | | | | |

 家電 > 冷藏櫃

非常適用於醫藥生技廠、醫療院所、食品廠、半導 體工廠、電子廠、飯店、辦公住宅大樓、購物中心 與機場、捷運站等公共建築物,其空調風管系統等 易受病菌侵襲,更需要高效抗菌鋼捲的保護。

Development Institute and other institutes in compliance with JIS Z 2801:2010 for their efficacy in suppressing the growth of Staphylococcus aureus, Escherichia coli, Pseudomonas aeruginosa, Klebsiella pneumoniae, Legionella pneumophilia and Corynebacterium diphtheriae. Additionally, against bacteria with high anti-microbial resistance such as MRSA commonly found in hospitals and nursing homes, Anti-Microbial Plus Metallic Coated Steel Sheets could also provide continuous protection.

Applications

- HVAC Partitions · Walk-in coolers
- Home appliances Freezers

Very suitable for biomedical factory buildings, hospitals, food factories, semiconductor factory buildings, electronics factory buildings, restaurants, office and residential buildings, shopping malls, and public facilities, such as airports and MRTs. Anti-microbial metallic coated steel sheets are especially required for the HVAC systems in these places.

| 1 | 試 驗 菌 種 Bacteria tested | 抗菌活性值 Antibacterial activity (R) |
|-------------|--|-------------------------------------|
| | 1. 金黃色葡萄球菌 Staphylococcus aureus | >4.7 |
| | 2. 綠膿桿菌 Pseudomonas aeruginosa | >4.8 |
| | 3. 大腸桿菌 Escherichia coli | >4.7 |
| | 4. 肺炎克雷白菌 Klebsiella pneumoniae | >4.6 |
| | 5. 抗藥性金黃葡萄球菌 MRSA | · >5.6 |
| | 6. 退伍軍人菌 Legionella pneumophilia | >4.2 |
| | 7. 白喉棒狀桿菌 Corynebacterium diphtheriae | 3.2 |
| 空調風管,拉茵鏈銳綱板 | ◎原有萍輝抗菌環保鏡面鋼板僅對項次1-4 具抑菌功能。 The original Yieh Phui anti-microbial metallic coated steel | sheets only inhibit the |

Ducting, Anti-Microbial Metallic Coated Steel Sheet

抗菌試驗 (食研所依 JIS Z 2801:2010 (amd 1:2012) 退伍軍人症菌 (L. pneumophila BCRC17854): Antibacterial test: JIS Z 2801:2010 (amd 1:2012) -- L. pneumophila (efficacy validated by Food Industry Research and Development Institute)

microbes from Item 1-4

◎ 試驗單位:食品工業研究發展所(食研所)

※一般鋼板 ※高效抗菌環保鋼板 表面菌茨數日 **Without antibacterial additive %With antibacterial additive** ※0 小時 ※0hr ※ 實驗 24 小時後 ※24hrs later A:空白組0小時表面菌落數目。 B:空白組24小時後表面菌落數目。

| 試驗組別 Sample | No. of bacterial colonies (CFU/cm ²) | Antibacterial activity (R) |
|----------------|---|-------------------------------|
| A | 6.31×10^3 | |
| В | $9.69 	imes 10^3$ | - 1 |
| С | ≤ 0.63 | >4.2 |

A. Number of bacteria colonies on the surface of the Blank sample at 0 hr.

B. Number of bacteria colonies on the surface of the Blank sample after 24 hrs.

Tested by Food Industry Research and Development Institute

C. Number of bacteria colonies on the surface of the AMC Plus steel sample after 24 hrs. CFU/cm²: No. of bacterial colony forming units per square centimeter on surface.

Antibacterial activity (R)= [log(B/C)]

© The value of antibacterial activity (R) shall be over than 2.0 for antibacterial efficacy.

3

抗菌活性值

空調風官,抗菌鍍銲鋼板

C:抗菌鋼板 24 小時後表面菌落數目。

R(抗菌值)=[log(B/C)]

CFU/cm²:每平方公分樣品表面的菌落形成單位

◎抗菌活性值(R)若大於2.0,表示有抑菌效果



鋼之美 唯燁輝 Finest Steel at Yieh Phui

永遠最好 Always the best



PhuizerGreen[®]AMC Plus 鍍面鋼捲

- 一、標準規格
- 底材
- 1. 可採用熱浸鍍鋅鋼捲為底材。
- 2. 可採用熱浸鍍 5% 鋁-鋅鋼捲為底材。
- 3. 可採用熱浸鍍 55% 鋁-鋅鋼捲為底材。

· 表面處理

採用特殊長效穩定之奈米級高效抗菌成分,可提供 優越的分散性與較大的比表面積(單位抗菌成分重 量之總表面積),以展現更全面性之高效抗菌效果, 再配合環保鈍化處理,除了增進鍍面鋼捲之加工性 能外,更具有以下之優良特性:

- 1. 為透明、無油之皮膜。
- 提供較原有抗菌塗層鋼板 3~5 倍的板面防銹能力。
- 於安全且適當之運輸、儲存與加工過程中,能提 供良好的防蝕能力。
- 4. 因有乾式潤滑性能,可使鋼板表面摩擦係數由 0.4 以上降低至 0.25 以下,故於輥輪成形或沖壓加工 過程中,可減少或免除潤滑油之使用。
- 成形後之鋼板在適當儲存環境中仍具有良好之防 蝕能力。
- 4. 具焊接性,經適度的焊接參數調整,可得與傳統
 4. 路酸鈍化處理相當之焊接性。

PhuizerGreen[®] AMC Plus Coated Steel Sheets

Standard Specification

Substrate

- 1. Hot-dip galvanized steel sheets
- 2. Hot-dip 5% Al-Zn coated steel sheets
- 3. Hot-dip 55% AI-Zn coated steel sheets

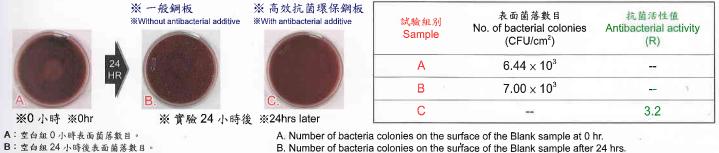
Surface Treatment

For comprehensive anti-microbial efficacy, nanoscale anti-microbial additives with excellent dispersion and large specific surface area (total surface area per unit of mass) are incorporated into environmentally friendly surface passivation to provide safe and durable antimicrobial protection with superior formability. Other properties are as follows.

- 1. Transparent and oil-free film.
- 2. 3-5 times of anti-corrosion performance than the original anti-microbial metallic coated steel sheets.
- 3. Protection against corrosion during safe and proper transit, storage and forming process.
- 4. Lower coefficient of friction (≤0.25) than traditional chromate (above 0.4), reducing or eliminating the use of lubricants during roll-forming or stamping process.
- 5. Good corrosion resistance even after being formed into profile sheets which are stored in proper environment.
- With optimized welding parameter, weldability is comparable to conventional chromate treated steel sheets.

4

抗菌試驗 (食研所依 JIS Z 2801:2010 (amd 1:2012) 白喉棒狀桿菌 (C. diphtheriae BCRC 10654): Antibacterial test: JIS Z 2801:2010 (amd 1:2012)--C. diphtheriae (efficacy validated by Food Industry Research and Development Institute)



B:空白組 24 小時後表面菌落數目。
 C:抗菌鋼板 24 小時後表面菌落數目。
 CFU/cm²:每平方公分樣品表面的菌落形成單位
 R(抗菌值)=[log(B/C)]
 ②抗菌活性值 (R) 若大於 2.0,表示有抑菌效果

C. Number of bacteria colonies on the surface of the Blank sample after 24 hrs. CFU/cm²: No. of bacterial colony forming units per square centimeter on surface. Antibacterial activity (R)= [log(B/C)]

O The value of antibacterial activity (R) shall be over than 2.0 for antibacterial efficacy.

鋼之美 唯燁輝 Finest Steel at Yieh Phui

永遠最好 Always the best

The first steel mill to earn six certificates in the world.



二、貯存與裝卸

本型錄高數抗菌環保鐵面鋼據,均由本公司施予適 當的包裝,此包裝僅提供出貨後至客戶成形、加工 前短期室內儲存之保護,而對此期間之儲存保護,相 關業者(含成形廠)均負有妥善保管之責任。無論如 何絕不可將鋼捲產品貯存於潮濕環境或戶外,濕氣結 露或戶外雨水可能滲入鋼捲包裝,此時會因毛細管 現象之作用汲入鋼板表面,導致水氣無法正常蒸發, 而浸入鈍化層(此時水氣更不容易揮發脫離鈍化層)。 經一段時間後,易在鋼材表面產生白銹,導致產品特 性惡化,減短預期的使用壽命,並影響產品之外觀。 已成形之裁板的貯存,同樣必須特別注意此問題。

- 於輻輪成形或沖壓加工廠:
- 鋼捲運抵工場時,必須在運輸板車上檢查外觀以 確保包裝完整沒有浸水受潮及破損之情況。若有, 則需與貨運行或保險公司聯繫處理。
- 2. 鋼捲必須儲存於乾燥且通風良好的環境。
- 1. 報輪成形或沖壓加工後之成品,必須確保儲存於 乾燥且通風之環境。
- 於搬運至施工地點過程中,成形加工後之成品, 必須施予適當之包裝以避免受潮。
- 於施工地點:
- 成品於運抵施工地點後,必須施予外觀檢查以確 保運輸過程中未受潮。
- 成品於施工地點為避免受潮,應以室內儲存,或至 少置於枕木上墊高並以防水帆布遮蓋,以防下雨淋, 溼,且下方留通風口以利空氣流通,避免結露。
- 3. 為避免損傷產品表面與減損抗菌性能,產品於搬運、運輸、成形加工及安裝過程中,表面須加以保護與小心處理,不同程度之表面刮傷將因而減損此產品之抗菌與耐蝕效果。使用不當之成形潤滑劑將影響產品特性,並造成表面污染,非必要時,建議勿使用。

Storage & Handling

Yieh Phui Anti-Microbial Plus Metallic Coated Steel Sheets are properly packaged in our works. The packaging only provides short term protection indoors during the period when delivering from Yieh Phui's works till forming or further processing at customer's plant. For the storage of this duration, relevant parties, including roll forming factories, shall take mutual responsibility for proper storage. Never store these steel coils in a humid environment or outdoors. When packaging of steel coils soaks mist or raindrops, the capillary effect may cause the absorption of moisture into the laps of steel sheets and gradually lead to the formation of white rust. This can easily deteriorate steel properties, affect its appearance and shorten its life span.

The aforementioned storage methods are recommended likewise for the cut-to-sheet products.

At Roll Former or Stamping Mill:

- When steel coils arrive at a factory, their appearance should be inspected on the trailer truck to ensure the packaging is not dampened or damaged. Contact shipping agent or insurance company if the packaging is impaired.
- 2. Store the coils in dry and well-ventilated place.
- 3. Store the profile sheets in dry and well-ventilated area after forming.
- 4.Profile sheets should be re-packed properly to protect the sheets from humidity while transporting to the construction site.

At a Construction Site

- 1. Inspection must be carried out for the incoming profile sheets to ensure that they are not affected by humidity during transportation.
- 2. The profile sheets at job site should be stored indoors, or at least be placed upon wooden sleepers and a waterproof cover should be placed over the bundle while allowing for air circulation under the cover.
- 3.While handling, transporting, forming, processing and installing, the surface of the steel sheets should be protected with extra care in order to keep the surface intact. Once the surface is damaged, the anti-microbial efficacy will decline. Any improper lubricants used will affect the function of steel sheet and pollute its surface. We strongly recommend not to do so, unless necessary.



燁輝企業-最好的選擇

燁輝企業是台灣、中國大陸和東南亞地區最大的鍍烤 鋼捲專業製造廠,並於2007年6月取得QC 080000 IECQ HSPM (有害物質流程管理系統)認證,成為 全球首家取得此項證書的鋼鐵公司,確保其環保產 品的流程管理符合歐洲 RoHS 指令的要求。燁輝企 業也是全球首家同時取得六項認證 (JIS MARK、ISO 9001、ISO 14001、OHSAS 18001、QC 080000 IECQ HSPM 及 ISO 50001)的鋼鐵公司,更是台灣 首家取得經濟部工業局核發奈米標章的鋼鐵廠,由此 可證明本公司產品之精良。

燁輝企業長期與國內多所知名大學和其它專業研究單 位合作,持續研發多種抗菌功能的鋼板。燁輝企業的 抗菌環保鍍面鋼板在國外和台灣已都有應用實績,例 如高雄義大醫院的微創手術訓練中心與台南成功大學 之「孫運璿綠建築研究大樓」,皆採用**燁輝抗菌環保 鐱面鋼捲做為壁材、天花板和空調風管系統之材料。** 為開創一個健康、衛生及舒適的生活環境,燁輝企業 開發出兼具環保與抗菌功能的綠色產品。本著「我們 只有一個地球」的理念,讓我們攜手共同開創一個更 健康、更乾淨的地球。

YIEH PHUI--Your First Choice

Yieh Phui is the largest independent galvanizer & coil coater with the best quality in Taiwan, Mainland China and Southeast Asia. In June, 2007, Yieh Phui was the first steel mill in the world to receive QC 080000 IECQ HSPM (Hazardous Substance Process Management) Certificate, which ensures that the management system of Yieh Phui's green products complies with EU RoHS Directive. Also, Yieh Phui is the first steel compañy in the world to achieve six internationally recognized certificates: JIS Mark, ISO 9001, ISO 14001, OHSAS 18001, QC 080000 IECQ HSPM, and ISO 50001 certificates. Additionally, it is the first steel mill in Taiwan to get the nanoMark from Industrial Development Bureau, Ministry of Economic Affairs, R.O.C. These honors show the superiority of Yieh Phui's productivity.

Yieh Phui has been working hand in hand with many topnotch universities and prestigious research institutes to develop a variety of anti-microbial metallic coated steel products.

Yieh Phui Anti-Microbial Metallic Coated Steel Sheets have achieved notable success both in domestic and international markets. For example, E-Da Hospital's Minimally Invasive Surgery Training Center in Kaohsiung and the Y. S. Sun Green Building Research Center at National Cheng Kung University in Tainan both utilized Yieh Phui Anti-Microbial Metallic Coated Steel Sheets. The products are used for walling, ceiling, and ducting for the two constructions mentioned above.

We provide anti-microbial coated steel sheets to create a healthy, hygienic, and comfortable living environment. Our ultimate goal is to be one of the driving forces to create a healthier and cleaner earth. Let's work together to protect this only planet we have.

高效抗菌環保鈍化層 Anti-Microbial plus passivation

> ·鍍層(鋅、5% 鋁-鋅、55% 鋁-鋅) Metallic coating (zinc, 5% Al-Zn, and 55% Al-Zn)

> > __ 鋼板 Base metal

註:上圖未依實際比例繪製

Remarks: The above does not reflect the actual proportion.

6

最好 Always the best

唯燁輝 Finest Steel at Yieh Phui

永遠最好 Always the best



個之美

左圖:成功大學「孫運璿綠建築研究大樓」,係台灣第一座「零碳建築」及全球第一座「亞熱帶綠建築教育中心」, 且取得台灣 EEWH — 台灣最高鑽石級綠建築標章,亦取得 美國 LEED 最高級綠建築標章認證。

The Y. S. Sun Green Building Research Center (photo on the left) at National Cheng Kung University is not only Taiwan's first zero-carbon building, but also the world's first green education center in the subtropical zone. The center is rated diamond level, the highest level of green building certification mark Ecology, Energy Saving, Waste Reduction and Health by Ministry of the Interior, Taiwan. It was also awarded the top certification mark Leadership in Energy & Environmental Design by the U.S. Green Building Council.

※ 注意事項

- 1. 為了維持鋼板抗菌效果,必須保持鋼板表面之清潔。
- 2. 鋼板表面若有損傷將降低抗菌效果。
- 本目錄所提供的資料已力求準確。對該等資料, 燁輝及 其子公司不會就其所產生的錯誤陳述或失實陳述承擔任 何責任。
- 4. 對於產品的用途之建議及陳述僅供參考, 燁輝及其子公司不承擔任何責任。使用燁輝及其子公司所提供或生產的產品之前,客戶應自行斟酌/判斷其適當性。

* Note:

- 1. Care should be taken to protect the coil surface against damage when handling, transporting, forming, processing and installing.
- 2. Damages on the steel surface will diminish anti-microbial ability.
- 3. Efforts have been made to ensure that this information is accurate, but Yieh Phui Enterprise and its subsidiaries do not accept responsibility or liability for errors or information that is found to be misleading.
- Suggestions for, or descriptions of, the end use or application of products or methods of working are for information only and Yieh Phui Enterprise and its subsidiaries accept no liability thereof.
 Before using products supplied or manufactured by Yieh Phui Enterprise and its subsidiaries, the customer should satisfy themselves of their suitability.

PhuizerGreen[®]為燁輝企業之註冊商標。

PhuizerGreen[®] is a registered trademark of Yieh Phui.





| 總公司:82544 高雄市橋頭區芋寮里芋寮路 369 號 總 機:+886-7-6117181 內銷部 | HEAD OFFICE : No. 369, Yuliao Road, Qiao (R.O.C.) MARKETING & SALES DIVISION | 516 (S) (S) | wan |
|---|--|-----------------|-----|
| 分機: 7426 · 7427 | TEL : + 886-7-6117181~EXT.7434 · 7437 · 7 | | |
| 事 線:+886-7-6114134・6120697 | TEL: + 886-7-6130443 · 6112400 · 6122328 | | |
| 外銷部 | FAX : + 886-7-6112397 · 6123130 | 經銷商/Distributor | |
| 分機: 7434 · 7437 · 7490 · 7496 | MARKETING DEVELOPMENT DIVISION | | |
| 專 線:+886-7-6112400 · 6122328 · 6130443 | TEL:+ 886-7-6117181~EXT.7405 · 7415 | | |
| 市場開發部 | TEL : + 886-7-6122303 | 3 | |
| 分 機: 7405・7415 | FAX : + 886-7-6130464 | | |
| 專 線:+886-7-6122303 | TECHNICAL SERVICE DIVISION | | |
| 技術服務專線:+886-7-6114131 | TEL:+ 886-7-6114131 | | |
| 技術服務傳真 :+886-7-6114180 | FAX:+ 886-7-6114180 | | |
| 免付費服務電話:0800-666-723 | WEBSITE : http://www.yiehphui.com.tw | | |
| WEBSITE : http://www.yiehphui.com.tw | E-MAIL: sales@yiehphui.com.tw | | |
| E-MAIL: sales@yiehphui.com.tw | | | |
| | | | |

YP-PG-2018CE1 2018.08