

# ARMA<sup>®</sup>

RIGID CONDUIT SYSTEMS

## THE ULTIMATE DEFENCE



Marley ARMA<sup>®</sup> Below Ground uPVC Electrical Conduit HD4431 -15/60 AS/NZS 61386 LIC 2755

ABOVE GROUND  
BELOW GROUND

 **MARLEY<sup>®</sup>**

by aliaxis

# ARMA<sup>®</sup>

RIGID CONDUIT SYSTEMS

Introducing the latest in high performance cable management with one fully featured solution for **above ground** applications, and another for **below ground** applications.

Using an application-based approach, the Marley ARMA<sup>®</sup> range is simplified to save space in your vehicle and time at the work site, while achieving a long lasting, professional finish each and every time.

Independently verified to comply with AS/NZS 61386, the Marley ARMA<sup>®</sup> rigid conduit system is proudly made in New Zealand and 100% recyclable.

**Marley ARMA<sup>®</sup> rigid conduit systems – performance like no other.**



MARLEY ARMA® RIGID CONDUIT SYSTEMS

# MORE FEATURES FOR ULTIMATE PERFORMANCE

One complete conduit solution for  
**ABOVE GROUND APPLICATIONS**



UV  
PROTECTION (T)

**HD**

HEAVY DUTY  
4431



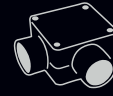
SERVICE  
TEMPERATURE  
RANGE



HIGH GLOSS  
FINISH



GREY  
COLOUR MATCH



EXTENSIVE  
FITTINGS  
RANGE



QUALITY  
OF CUT



COMPLIANCE

One complete conduit solution for  
**BELOW GROUND APPLICATIONS**

**A**

CATEGORY A  
UNDERGROUND

**HD**

HEAVY DUTY  
4431



SERVICE  
TEMPERATURE  
RANGE



HIGH GLOSS  
FINISH



ORANGE  
COLOUR MATCH



EXTENSIVE  
FITTINGS  
RANGE



QUALITY  
OF CUT



COMPLIANCE

 **MARLEY**®

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# KEY SELECTION FACTORS

Marley ARMA's fully featured solutions make **ABOVE GROUND** and **BELOW GROUND** selection quick and easy.

All solutions satisfy 3 Key Selection Factors.

1

## DURABILITY

Heavy Duty classification ensures long term mechanical durability

2

## CRAFTMANSHIP



A range of features that allow a quick & easy installation but also achieve a high quality professional finish

3

## ASSURANCE

Independent verification to AS/NZS 61386:2015



1 MARLEY ARMA ABOVE GROUND uPVC ELECTRICAL CONDUIT 25mm 2 HD4431 -15/60 **SOLAR T** 8 AS/NZS 61386 LIC 2755 Y/M/D 9 Time 01.25HD.GY 11 BARCODE  - MADE IN NZ  
3 4 5 6 7 10  
 MARLEY ARMA BELOW GROUND uPVC ELECTRICAL CONDUIT 25mm HD4431 -15/60 AS/NZS 61386 LIC 2755 Y/M/D Time 01.25HD.OR BARCODE  - MADE IN NZ

## PRODUCT AUTHENTICITY

Not all brands of rigid conduit in the market perform to the same level. For proof of intended performance, check the mandatory print requirements that are marked on the conduit.

Marley ARMA® Above and Below Ground Rigid Conduit meets the mandatory print requirements and is independently verified to meet the intended design applications as stipulated by AS/NZS 61386 and the NZ Wiring Regulations (AS/NZS 3000:2018).

**IF IT'S NOT 4431  
ASK WHY NOT?**

- |  |   |   |
|--|---|---|
| <span style="color: yellow;">1</span> Manufacturer and/or brand name identification      | <span style="color: yellow;">5</span> Impact Duty Rating (Rating 4 = Heavy Duty)            | <span style="color: yellow;">9</span> New Manufacturing Standard  |
| <span style="color: yellow;">2</span> Designed specifically to protect electrical wiring | <span style="color: yellow;">6</span> Minimum Service Temperature rating (Rating 3 = -15°C) | <span style="color: yellow;">10</span> 3 <sup>rd</sup> party License Verification for the specific manufacturing site |
| <span style="color: yellow;">3</span> Classification Rating                              | <span style="color: yellow;">7</span> Maximum Service Temperature rating (Rating 1 = 60°C)  | <span style="color: yellow;">11</span> Exact date and time of manufacture and Marley item code for easy tracking      |
| <span style="color: yellow;">4</span> Compression Duty Rating (Rating 4 = Heavy Duty)    | <span style="color: yellow;">8</span> T= UV Protection Long Term                            |   |



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ABOVE GROUND

## ABOVE GROUND BEST PRACTICE SOLUTION

Provides Heavy Duty protection in all above ground applications whether indoors or outside, so that installations can be carried out to a hassle free, professional finish.



### DURABILITY

Long term outdoor durability – designed to meet the weathering and durability requirements of the NZ Building Code and suitable for use with photovoltaic arrays (PV) as per AS/NZS 5033.



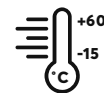
#### UV PROTECTION (T)

Long term outdoor durability

## HD

#### HEAVY DUTY 4431

Mechanical protection for durability against compression and impact forces



#### SERVICE TEMPERATURE RANGE

High performance in extreme service temperatures up to 60°C and down to -15°C



## CRAFTSMANSHIP

To ensure a professional high quality finish, the conduit's performance in regard to bending, cutting, scratching and soiling are key factors. The convenience of a full range of colour-matched fittings make installs quick and easy.



### HIGH GLOSS FINISH

Superior scratch and soiling resistance compared to a matte finish



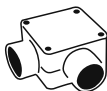
### GREY COLOUR MATCH

To match Marley fittings for a professional finish



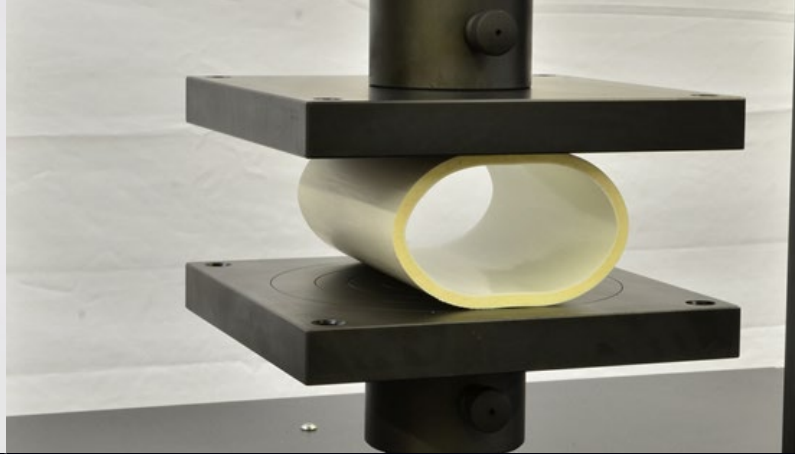
### QUALITY OF CUT

Product retains shape once cut, will not deform like thinner wall product



### EXTENSIVE FITTINGS RANGE

For ease of install, including secure "press fit" connections



## AUTHENTIC QUALITY

The assurance that Marley ARMA® conforms to the required standards of performance.



### COMPLIANCE

Manufactured consistently and rigorously tested to a high standard



### PROVEN RELIABILITY

Local manufacturer with over 50 years of proven performance



### CUSTOMER SUPPORT

Dedicated teams nationwide for sales, technical and distribution support



### CRADLE TO CRADLE

BEP certified. 100% recyclable. Marley will take back off-cuts or end of life product from site for recycling



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# ARMA<sup>®</sup>

BELOW GROUND

## BELOW GROUND BEST PRACTICE SOLUTION

Delivers Heavy Duty performance  
while saving time & installation costs



### GREATER SAVINGS

Heavy Duty classification and an extended service temperature range reduces installations costs for the contractor. For Category A underground wiring systems, the longer the trench, the greater the savings.

# A

#### CATEGORY A UNDERGROUND

Removes the need for additional mechanical protection (such as cable cover) - saving laying, backfilling and material costs

# HD

#### HEAVY DUTY 4431

Mechanical protection for durability against compression and impact forces

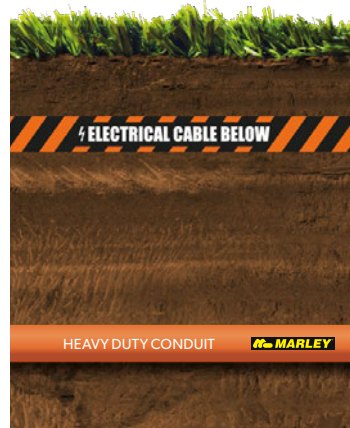


#### SERVICE TEMPERATURE RANGE

High performance in extreme service temperatures up to 60°C and down to -15°C

#### CATEGORY A

Marley ARMA<sup>®</sup> Heavy Duty conduit - extra protection not required

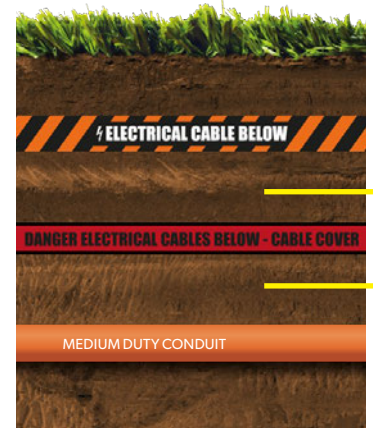


Marley ARMA<sup>®</sup>  
Heavy Duty conduit

#### CATEGORY B

Medium Duty conduit - extra cable cover protection required

#### Additional laying and backfilling



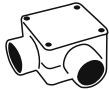
VS Medium Duty  
conduit





## CRAFTSMANSHIP

To ensure a professional high quality finish, the conduit's performance in regard to bending, cutting, scratching and soiling are key factors. The convenience of a full range of colour-matched fittings make installs quick and easy.



### EXTENSIVE FITTINGS RANGE

For ease of install, full range of 90° plain bends and sweep bends in both 45° and 90° variants



### QUALITY OF CUT

Product retains shape once cut, will not deform like thinner wall product



### HIGH GLOSS FINISH

Superior scratch and soiling resistance compared to a matte finish



### ORANGE COLOUR MATCH

To match Marley fittings for a professional finish



## AUTHENTIC QUALITY

The assurance that Marley ARMA® conforms to the required standards of performance.



### COMPLIANCE

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### CRADLE TO CRADLE

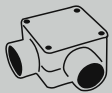
BEP certified. 100% recyclable. Marley will take back off-cuts or end of life product from site for recycling



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## PRODUCT RANGE INFORMATION

Product Code	Size	Pack
01.20HD.GY	20mm	80m (20 x 4m)
01.25HD.GY	25mm	40m (10 x 4m)
01.32HD.GY	32mm	40m (10 x 4m)
01.40HD.GY	40mm	24m (6 x 4m)
01.50HD.GY	50mm	24m (6 x 4m)



### EXTENSIVE FITTINGS RANGE

- › Couplers & nipples
- › Adapters & reducers
- › Lock nut & rings
- › Saddles, (spacers) & clips
- › Elbow & bends
- › Inspections (elbow, tees & bends)
- › Bushes
- › Junction boxes, enclosures



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BELOW GROUND

Product Code	Size	Pack
01.20HD.OR	20mm	80m (20 x 4m)
01.25HD.OR	25mm	40m (10 x 4m)
01.32HD.OR	32mm	40m (10 x 4m)
01.40HD.OR	40mm	24m (6 x 4m)
01.50HD.OR	50mm	24m (6 x 4m)



## EXTENSIVE FITTINGS RANGE

- › Elbow & bends
- › Couplers
- › Adapters & reducers
- › Lock nuts
- › Inspections (elbow, tees & bends)
- › Junction boxes



## Sustainable Manufacturing

Marley is committed to creating environmentally sustainable processes and products and was the first plastics manufacturer in New Zealand to achieve ISO14001 registration. We are also Best Environmental Practice certified for our entire range of manufactured uPVC systems. This means we get our raw materials from sustainable and responsible sources, continuously work on our manufacturing processes to reduce our environmental footprint and accept our products back at the end of their useful life for recycling.



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REGISTERED MASTER BUILDERS  
**ASSOCIATE MEMBER**



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