



# Product Datasheet December 2011

New large diameter sizes expand the product portfolio

### Marley Quantum Highway



A new and extended range of large diameter pipes and fittings ideal for use in the following applications:

- Highway surface water carrier and filter drains
- Rail
- Landfill
- Agricultural

Airports

 Golf courses and sports fields

#### **Product Details:**

- Available in 375mm, 450mm and 600mm sizes
- Pipes are available in fully slotted, half slotted and solid wall options
- Manufactured in HDPE
- BBA certificate no. 11/H172

#### **Benefits:**

Quantum offers the following benefits over traditional materials:

- · Light weight, high strength and durable
- The flexibility to tolerate ground movement without damage, whilst withstanding the combined effects of backfill
- Fewer joints to reduce the likelihood of leaks and blockages
- · A smooth bore gives good hydraulic performance
- Easily cut to required length
- Recognised alternative to concrete and clay

#### **Environmental credentials:**

Large diameter Quantum pipe also delivers in terms of environmental performance, containing a minimum of 70% recycled HDPE material derived from:

- Post consumer (e.g. drinks bottles)
- Post industrial produced as an industrial by-product or waste
- Reprocessed waste any scrap product produced by the operation process is granulated and resultant material reused



375mm, 450mm and 600mm large diameter Quantum highway system

### Large diameter quantum highway system

6m Pipe					Bend					
	Size	Colou	ır Code	Price (£)		Size	Co	lour	Code	Price (£
70-	Solid wa	all					-			
III .	375mm	В	<b>■</b> UPH375*	£256.32		11.25°				
MILLITTON	450mm	В	<b>■</b> UPH450*	£315.46		375mm	В		UMB3751	£286.63
	600mm	В	<b>■</b> UPH600*	£489.60		450mm	В		UMB4501	£380.49
						600mm	В		UMB6001	£583.2
	Half per	forate	ed							
	375mm	В	<b>■</b> USH375	£285.55						
	450mm	В	<b>■</b> USH450	£379.55						
	600mm	В	<b>■ USH600</b>	£596.43		22.50				
						<b>22.5°</b> 375mm	В		UMB3752	£286.63
	Fully pe	rforat	ed			450mm	В	_		
	375mm	В	<b>■</b> UHH375	£259.59		600mm		_	UMB4502 UMB6002	£380.49 £583.21
	450mm	В	<b>■</b> UHH450	£345.03		60011111	D	_	UNIBOUUZ	L303.2
	600mm	В	<b>■</b> UHH600	£542.18						
	All pipes	are soc	keted							
Coupling										
135	Size	Colou	ır Code	Price (£)		45°				
	375mm	В	<b>■</b> UME375*	£23.03		375mm	В		UMB3754*	£286.63
	450mm	В	■ UME450*	£25.19		450mm	В		UMB4504*	£380.49
	600mm	В	<b>■</b> UME600*	£53.74		600mm	В		UMB6004	£583.21
Sealing Ring										
						90°				
	Size	Colou	ır Code	Price (£)		375mm	В		UMB3759	£286.63
	375mm	В	<b>■</b> UMR375*	£10.49	(3)	450mm	В		UMB4509	£380.49
	450mm	В	<b>■</b> UMR450*	£14.81		600mm	В		UMB6009	£583.2
	600mm	В	<b>■</b> UMR600*	£26.27						

## Large diameter quantum highway system

#### **Branch**



160, 250 and 315mm branch connections are spigot ended and need to be used in conjunction with couplings and seals. For 160mm branch, use UME15C coupling. For 250mm branch, use UMD23 coupling. For 300mm branch use UMD33 coupling. Remove one snap cap and seal from UME15C to convert to 150mm quantum. The 375, 450 and 600mm branches are all socketed.

#### **End Cap**



Size	Colour	Code	Price (£)
375mm	В	UMK375	£138.20
450mm	В	UMK450	£184.26
600mm	В	UMK600	£276.39

#### Flexible Coupling



Size	Colour	Code	Price (£)
250/225mm	В	UMD23	£85.31
315/300mm	В	UMD33	£127.96

\* Available in stock. All other products have a 28 day lead time.

Seals to be ordered separately if required.



### marley.co.uk

For general enquiries and details of your nearest stockist please call the customer services department:

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