

Flexibore® 150

Flexible rising main



Flexibore 150 coupling set

Flexibore 150 is our large diameter, high-quality layflat bore hose available in both 8" and 10". Its revolutionary flexible design simplifies bore water pumping replacing cumbersome rigid pipe.

Flexibore 150 is manufactured by weaving a textile reinforcement of high-tensile polyester and extruded with hydrolysis-resistant polyurethane. The woven polyester fabric gives the hose a high burst pressure for deep bore pumping. It is designed to handle the weight of the submersible pump and the column of water up to 150 m deep.

Secure couplings can be easily attached on-site. A coloured strip with loops every metre runs along the length of the hose. These loops allow for the power cable's secure attachment and prevent possible rubbing of the cable against appropriately sized bore casings.

Flexibore 150 can dilate up to 15%, making it extremely efficient in reducing pumping costs and friction loss. By dilating under pressure, no internal build-up of iron bacteria occurs as seen with rigid pipe use such as poly pipe or fibreglass.

Proudly manufactured in Australia by Crusader Hose, **Flexibore 150** is made to suit most bore water pumping applications requiring a large diameter hose. Each roll is fully tested at our factory prior to despatch.

IDEAL FOR

- Bore water pumping
- Potable water use
- Easy installation
- Rapid retrieval
- Low-cost pumping

FEATURES

- Large-diameter groundwater pumping up to 150 m
- Ultra-high tensile for large submersible pumps
- Flexible - easy to install and retrieve
- Dilates - no internal build-up
- Rigorously tested
- Secure couplings
- Australian Made

TECHNICAL DATA

	203 mm	254 mm
Diameter (ID)	8"	10"
Max. operating head	150 m	150 m
Burst pressure	4200 kPa	4200 kPa
Peak tensile load	22 t	20 t
Recommended max. tensile load	11 t	10 t
Weight of hose/m	3.4 kg	4.5 kg
Coupling OD	270 mm	320 mm
Weight of S/S coupling	41 kg	45 kg
Weight of water/m at 10% dilation	35.2 kg	56.1 kg
Max. flow rate	148 L/s	200 L/s
Fitting bolt torque	130 Nm	85 Nm
Part # Flexibore 150 hose	HFB203XUA	HFB254XUA
Part # Flexibore 150 coupling set	CLF203BDE	CLF254BDE

OTHER SPECS

Water pH	3 to 9
Max. operating temp	70 °C
Max. diametric dilation	15 %
Max. extension	2 %
Safety factor	2:1

NOTE: For operation beyond stated recommended operating limits, contact your Flexibore distributor.



Scan here to learn more

Crusader Hose Pty Ltd

22 Industry Place, Bayswater VIC 3153 Australia
 e: sales@crusaderhose.com.au p: +61 3 9720 1100
www.crusaderhose.com.au

2308

