

REBEL

First Response Attack Hose

- Withstands flames and heat in excess of 850°C for extended periods
- Designed for firefighter safety
- Available in high visibility yellow and red as standard
- Compatible for use with all major international coupling systems
- Manufactured to perform generally in accordance with NFPA 1961, BS6391 (Type 2) and DIN 14811 standards



Angus Rebel attack hose, has been designed to withstand flames and heat in excess of 850°C for long periods. Whilst in the flowing condition it out performs all standard attack hose, lasting hours rather than minutes at full flow. Its unique performance provides first responder firefighters with assured safety by extending the envelope of conditions in which the hose can maintain a continuous water supply to the nozzle without catastrophic failure.

With Rebel's flame resistant qualities and high visibility, it provides a clear route out of the building with the potential to save lives

Angus Rebel is manufactured in our Fire Hose Plants in the UK and France to perform to unrivalled standards in flame and heat resistance under the control of our Quality Management System certified to comply with BS EN ISO 9001. It is manufactured to perform generally in accordance with NFPA 1961, BS6391 (Type 2) and DIN 14811 standards.

Construction

Angus Rebel is constructed from a mix of high performing natural and synthetic fibres, with a synthetic rubber lining and coated in protective acrylic

Compatibility

Compatible for use with all major international coupling systems including:

- Storz
- Instantaneous
- Symetrique
- Expansion Ring NH

Applications

- Interior first attack hose
- Municipal firefighting
- Forest Fires and Wildfires
- Aviation
- Waste facilities
- Mining



REBEL

Triple Safety Standard Testing Procedure

Flame Resistance Test

1) An 'Attack' hose should withstand direct contact with hot embers and flames whilst engulfed in a 'Class A' wooden pallet fire, consisting of a minimum of 5 EUR size pallets and generating temperatures above 850°C, for a period greater than 1 hour; whilst in the flowing condition of 60 LPM and an operating pressure of 7 bar; without leakage or burst.

Impact Test

2) Following the 'Class A' wooden pallet fire test the hose should be capable of withstanding direct impact from falling building materials whilst pressurised; without leakage or burst. The charred section of the hose should be laid on a concrete slab and pressurised to 7 bar. Firstly, a grade C24 softwood timber beam with cross-section 150mm x 47mm and length 2.4m should be held vertically at a distance of 1.5m from the hose and allowed to fall onto the hose such that the 47mm side impacts the hose.

Secondly, a concrete block with a compressive strength of 7.3N/mm², measuring 440mm x 215mm x 140mm and weighing 17.4kg should be dropped from a height of 1m directly onto the hose.

International Standards

3) To perform as a flexible lay-flat hose in accordance with major international hose standards in terms of burst and working pressure, kink resistance, bend radius, and coil ability.



Technical Data

DIAMETER	38mm	45mm
Weight (kg/m)	0.37	0.4
Coil Dia (mm) 20m Length Uncoupled	490	490
Coil Dia (mm) 30m Length Uncoupled	620	620
Recommended Service Test Pressure	20.7 bar (300psi)	20.7 bar (300psi)
Burst Pressure	In excess of 60 bar	In excess of 60 bar
Recommended Max Working Pressure	20.7 bar (300psi)	20.7 bar (300psi)

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Angus Fire operates a continuous programme of product development. The right is therefore reserved to modify any specification without prior notice and Angus Fire should be contacted to ensure that the current issues of all technical data sheets are used.

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