

## Hose Technical Information

### Railsafe 2TE Hose range

<b>Argus Part No.</b>	<b>Bore Ø</b> Inch	<b>Cover Ø</b> mm	<b>Working Pressure</b> bar	<b>Burst Pressure</b> bar	<b>Bending Radius</b> mm
Railsafe 2TE-04	1/4"	13.4	75	300	40
Railsafe 2TE-05	5/16"	14.9	68	272	50
Railsafe 2TE-06	3/8"	16.5	63	252	60
Railsafe 2TE-08	1/2"	19.7	58	232	70
Railsafe 2TE-12	3/4"	27.0	45	180	110
Railsafe 2TE-16	1"	34.4	40	160	150

### Railsafe AF45 Hose range

<b>Argus Part No.</b>	<b>Bore Ø</b> Inch	<b>cover Ø</b> mm	<b>Working Pressure</b> bar	<b>Burst Pressure</b> bar	<b>Bending Radius</b> mm
Railsafe AF45-04	1/4"	15.7	15	60	60
Railsafe AF45-05	5/16"	17.4	15	60	80
Railsafe AF45-06	3/8"	18.8	15	60	100
Railsafe AF45-08	1/2"	22.0	15	60	130
Railsafe AF45-12	3/4"	28.8	15	60	190
Railsafe AF45-16	1"	38.1	15	60	255

The standard end fittings for this product are manufactured from mild steel (11SMnPb30). However, alternative materials are available on request.

Please contact Sales department with your specific fitting requirements including material

### Product Validation

The ***Railsafe*** hose compound meets the combustion requirements detailed in:

- NF F 16-101 - Category I2 & F1
- BS6853:1999 - Exterior minor use Category 1b and 2
- EN45545:2013 - R23 for HL1, HL2 & HL3 hazard level classification

Full test reports are available to support the above on request

The hose and fitting combination has been subjected to the tests detailed in EN854

### Additional Product Information

To demonstrate the confidence in the [railsafe logo] product we are currently subjecting the Railsafe AF45 hose range to an extended **1-million cycle** impulse test.



The bespoke Railsafe AF45 hose range was designed specifically for the rail industry and is often used to replace a standard EN854 R3 hose for railway air brake applications.