



# Hose Specification - **RailSAFE** AF45

**Hose Type:** Low Smoke & Fume Vamac Hose

**Liner:** AEM\*\* rubber, colour black

**Reinforcement:** High tensile two synthetic textile braids

**Cover:** AEM\*\* rubber, colour black – *pin pricked*

**Operating Temperature:** -38°C to +150°C

*(Continuous operating in excess of the specified temperature range will shorten the life of the hose)*

**Materials & Construction:** In accordance with EN854 *unless otherwise specified*

**Suitable for use with:** Hydrocarbon lubricants, hydraulic fluids and wide range temperature resistance

**Typical Application:** Railway Brake Hose

**Related Specifications:** EN45545: 2013, NF F 16-101, BS6853: 1999

\*\* AEM rubber: Ethylene Acrylic Elastomer [Vamac]

Argus Part No.	Bore Ø Inch	DN mm	Braid Ø			Outside Ø			Working Pressure bar	Burst Pressure bar	Bending Radius mm	Weight Kg/m.
			min. mm	nom. mm	max. mm	min. mm	nom. mm	max. mm				
Railsafe AF45-04	1/4"	6	11.8	12.4	13.0	14.8	15.7	16.4	15	60	60	0.245
Railsafe AF45-05	5/16"	8	13.4	14.0	14.6	16.6	17.4	18.2	15	60	80	0.285
Railsafe AF45-06	3/8"	10	15.0	15.6	16.2	18.0	18.8	19.6	15	60	100	0.325
Railsafe AF45-08	1/2"	12	18.2	18.8	19.4	21.2	22.0	22.8	15	60	130	0.410
Railsafe AF45-12	3/4"	19	24.9	25.7	26.5	28.0	28.8	29.6	15	60	190	0.570
Railsafe AF45-16	1"	25	32.9	33.5	34.1	37.3	38.1	38.9	15	60	255	0.930

**RailSAFE** AF45 – DN? – WP 15BAR - Q1 2014

Branding detail see above - No more than 400mm between the branding repeat, continuous red stripe between text

Issue	1				Compiled	Approved	Date
Change	ECR6965				DKC	MDF	26/06/14
Date	26.06.14				<b>MS.51.Railsafe AF45.A</b>		

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