

R101 Hose Specification

Document No:
1-01-101-1

For Medium Pressure Assemblies

HOSE CONSTRUCTION

INNER CORE: EXTRUDED PTFE WITH ANTI-STATIC LINER.
REINFORCEMENT TYPE 304 S/S WIRE BRAID.
-2 TO -12 HAVE ONE LAYER OF BRAID. -16 HAS TWO LAYERS.
FOR FULL VACUUM SERVICE, -12 AND OVER REQUIRE AN INTERNAL
REINFORCEMENT SPRING.

HOSE RATINGS

WORKING PRESSURE: UP TO 3000 PSI
TEMPERATURE: -54°C TO +232°C

SPECIFICATION APPROVALS

MIL-H-25579, MIL-H-27267 & AMS3380 (FOR BULK HOSE)
MIL-H- 26626 (FOR OXYGEN SERVICE) MIL-F-5509 (MATERIALS FOR 37° FITTINGS)
MIL-F-18280 (MATERIALS FOR FLARELESS FITTINGS) ASO TECH ORDER 587,
REVISION E & BUWEPS IFB. B383-375-65 (FOR ELECTRICAL CONDUCTIVITY)
TSO-C53A, TYPE D & TS-C75, TYPE 111A WITH FIRESLEEVE. TSO-C53A, TYPE B
WITHOUT FIRESLEEVE. HOT SHED TEST U.S.
IDE APPROVED FOR EMERGENCY ESCAPE SYSTEMS & LAP BELT INSTALLATION.

APPLICATIONS

BRAKES, CLUTCH, POWER STEERING, HYDRAULICS, LUBRICATION, PNEUMATICS,
FUEL (HEAVY DUTY), AIR JACK & EXTINGUISHER.

FITTINGS

AEROSPACE OR QUICKSWAGE JIC (37° SEATS), BANJO & PLUG-IN
IN STAINLESS STEEL, TITANIUM OR ALUMINIUM PROGRESSIVE SWAGED,

FOR SPECIAL FITTINGS TO SUIT YOUR APPLICATION PLEASE CONTACT
FHS MOTOR RACING LTD.



656 Ajax Avenue, Slough, Berkshire, SL1 4BH

Tel: +44 (0)1753 513080 Fax: +44 (0)1753 513099

www.fhsracing.co.uk e-mail: info@fhsracing.co.uk