

Indian Standard

**AUTOMOTIVE VEHICLES – BRAKE HOSE
ASSEMBLIES FOR HYDRAULIC BRAKING SYSTEMS USED
WITH NON-PETROLEUM BASE BRAKE –
FLUID SPECIFICATION**

(Third Revision)

1 SCOPE

1.1 This standard specifies the performance requirements, test procedures and methods of sampling of brake hose assemblies to be used in hydraulic braking systems of automotive vehicles having nominal internal diameter:

- a) 3.5 mm or less, and
- b) 4-5mm.

1.2 It applies to brake hose assemblies made of a hose fabricated from cord and natural or synthetic elastomers and assembled with metal end fittings for use with non-petroleum- base brake fluids in accordance with IS 8654. The hose assemblies may also have metal centre fittings, rubber grommets, spring guards or any other protective parts.

1.3 This standard does not cover requirements for the end fittings, centre fittings; protective parts, etc, except for salt spray test (*see 5.11*).

2 REFERENCES

The following standards contain provisions, which, through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below:

<i>IS No.</i>	<i>Title</i>
3400 (Part 20) : 1994	Methods of test for vulcanized rubbers: Part 20 Resistance to ozone cracking - Static strain test (<i>first revision</i>)
8654: 2001	Automotive hydraulic brake fluid, heavy duty (<i>first revision</i>)