

ISO 6605:2017-06 (E)

Hydraulic fluid power - Test methods for hoses and hose assemblies

| Contents | | Page |
|--------------------|---|-------------|
| Foreword | | iv |
| Introduction | | vi |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Visual examination of product | 2 |
| 5 | Standard tests | 2 |
| 5.1 | Dimensional check test | 2 |
| 5.1.1 | General | 2 |
| 5.1.2 | Measurement of outside and reinforcement diameters | 2 |
| 5.1.3 | Measurement of inside diameter | 2 |
| 5.1.4 | Measurement of concentricity | 2 |
| 5.2 | Proof test | 3 |
| 5.3 | Change-in-length test | 3 |
| 5.4 | Burst test | 3 |
| 5.4.1 | General | 3 |
| 5.4.2 | Procedure | 4 |
| 5.5 | Cold bend test | 4 |
| 5.5.1 | General | 4 |
| 5.5.2 | Procedure | 4 |
| 5.6 | Cyclic endurance (impulse) test | 4 |
| 5.6.1 | General | 4 |
| 5.6.2 | Procedure | 4 |
| 5.7 | Leakage test | 8 |
| 5.7.1 | General | 8 |
| 5.7.2 | Procedure | 8 |
| 5.8 | Adhesion test | 8 |
| 5.8.1 | General | 8 |
| 5.8.2 | Apparatus | 9 |
| 5.8.3 | Test specimens | 9 |
| 5.8.4 | Conditioning | 9 |
| 5.8.5 | Procedure | 9 |
| 5.8.6 | Expression of results | 9 |
| 6 | Criteria for acceptance | 9 |
| 7 | Identification statement (reference to this document) | 9 |
| Bibliography | | 10 |