



مشخصات فنی خرید

نوار سرددستی دولایه پلی اتیلن

Hand-Applied Two-Layer P.E. Tape

Foreword

This standard specification cancels and replace previous specification , which has been technically revised , it intended to be mainly used by all divisions of N.I.G.C., and has been prepared on interpretation of recognized standards, technical documents, knowledge, backgrounds and experiences in gas industries at national and international levels.

Iranian Gas Standards (IGS) are prepared , reviewed and amended by technical standard committees within NIGC standardization division of research & technology management and approved by the NIGC "Council Standard .

Iranian Gas Standards (IGS) are subjected to revision , amendment or withdrawal , if required , thus the latest edition of IGS shall be checked / inquired by NIGC users.

Any comments from concerned parties or individuals in IGS'S are welcomed.

Contents

Element	Page No
1. SCOPE.....	2
2. NORMATIVE REFERENCES.....	2
3. DEFINITIONS.....	3
4. DOCUMENTATION.....	4
5. REQUIREMENTS.....	4
5.1 Hand – Applied Two Layer PE Tape.....	4
5.2 Two Layer PE Tape Properties (TABLE 1).....	5
5.3 Primer.....	6
5.4 Properties of Primer.....	6
6. QUALITY ASSURANCE.....	7
7. INSPECTION AND TESTING.....	7
8. STORAGE LIFE AND PACKAGING.....	7
9. MARKING.....	8

1. SCOPE

This standard specification covers the NIGC requirements for hand applied two layer PE tape and it's primer to be used for the corrosion protection of field weld joints, special section fitting, cable to pipe joint with conjunction of cathodic protection system , and field repairs of buried steel pipelines mainly coated with cold – applied tape coating system.

2. NORMATIVE REFERENCES

Throughout this specification the following standards and codes are referred to. The applicability of changes in codes and standards that occur after the date of this specification shall be mutually agreed upon by the purchaser and manufacturer and / or supplier.

ASTM D 1000 - (2004):	Standard test methods for pressure – sensitive Adhesive coated tapes used for electrical and electronic applications.
ASTM D 257 - (1999):	Standard test methods for D-C resistance or conductance of insulating materials.
ASTM D 570 - (1998):	Standard test method for water absorption of plastics.
ASTM D 2369 - (2004):	Standard test method for volatile content of coatings.
ASTM D 1475 - (1998):	Standard test method for density of paint, varnish, lacquer and related products.
ASTM D 1200 - (1999):	Standard test method for viscosity by Ford viscosity cup.
ASTM D 1296 - (2000):	Standard test method for odor of volatile solvents and diluents.
ASTM E 96 - (2000):	Standard test methods for water vapor transmission of materials.
ASTM G8 - (2003):	Standard test methods for cathodic disbonding of pipeline coatings.
BS EN 12068 - (1999):	Cathodic protection – External organic coatings for the corrosion protection of buried or immersed steel pipelines used in conjunction with cathodic protection – tapes and shrinkable materials.
BS EN ISO 9001 - (2000):	Quality management systems.
SSPC.SP1 - (2000):	Surface preparation specification NO.1

Federal test method standard . NO.141 C