

GP 19-04-02	Natural and Synthetic Rubber Linings	July 2001
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Natural and Synthetic Rubber Linings

GP 19-04-02

Scope

[I] This Global Practice (GP) covers the material selection, design, application, and inspection of rubber linings.

[I] An asterisk (*) indicates that a decision by the Purchaser is required or that additional information is furnished by the Purchaser.

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GP 19-04-02	Natural and Synthetic Rubber Linings	July 2001
-------------	--------------------------------------	-----------

Table of Contents

1. Required References.....	3
1.1. ASTM–American Society for Testing and Materials	3
1.2. BSI–British Standards Institute	3
1.3. NACE–National Association of Corrosion Engineers.....	3
1.4. SSPC–Society for Protective Coatings	3
2. Additional Requirements	3
3. Documentation.....	4
4. Design.....	4
5. Application	4
6. Inspection and Testing.....	4
6.1. Surface Preparation	5
6.2. Visual Examination	5
6.3. Hardness Check	5
6.4. Spark Test.....	5
6.5. Adhesion Test	5
6.6. Additional Requirements for Vacuum Service	5
6.7. Limits of Repair	5
Record of Change.....	6
Attachment: Purpose Codes Definitions	7

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Page 2 of 7	©ExxonMobil Development Company	



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GP 19-04-02	Natural and Synthetic Rubber Linings	July 2001
-------------	--------------------------------------	-----------

1. Required References

[I] This Section lists Specifications and Standards that are generically referenced and assumed to be a part of this document. Unless otherwise specified herein, use the latest edition.

1.1. ASTM–American Society for Testing and Materials

ASTM D 429	Standard Test Methods for Rubber Property-Adhesion to Rigid Substrates
ASTM D 2240	Standard Test Method for Rubber Property - Durometer Hardness
ASTM D 3491	(Discontinued) Standard Test Methods for Vulcanizable Rubber Tank and Pipe Lining

1.2. BSI–British Standards Institute

BSI BS 6374 PART 5	1985 Lining of Equipment with Polymeric Materials for the Process Industries Part 5: Lining with Rubbers
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1.3. NACE–National Association of Corrosion Engineers

NACE NO. 1	White Metal Blast Cleaning SSPC SP 5-2000
NACE RP0178	Fabrication Details, Surface Finish Requirements, and Proper Design Considerations for Tanks and Vessels to be Lined for Immersion Service
NACE RP0287	Field Measurement of Surface Profile of Abrasive Blast Cleaned Steel Surfaces Using a Replica Tape
NACE RP0298	Sheet Rubber Linings for Abrasion and Corrosion Service

1.4. SSPC–Society for Protective Coatings

SSPC VIS 1	Visual Standard for Abrasive Blast Cleaned Steel (Standard Reference Photographs) Editorial Changes September 1,2000 (Steel Structures Painting Manual, Ch 2 - Surface Preparation Specs.)
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2. Additional Requirements

* [R] The procedures outlined in NACE RP0298 or BSI BS 6374 PART 5 shall be used for linings applied to vessels and piping.

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