

INTERNATIONAL  
STANDARD

ISO  
3861

Fourth edition  
2021-01

---

---

## Rubber hoses and hose assemblies for sand and grit blasting — Specification

*Tuyaux et flexibles en caoutchouc pour sablage et grenailage —  
Spécifications*



Reference number  
ISO 3861:2021(E)

© ISO 2021



**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

Published in Switzerland

# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Classification</b> .....	<b>2</b>
<b>5 Materials and construction</b> .....	<b>2</b>
<b>6 Dimensions</b> .....	<b>2</b>
6.1 Inside diameter and tolerances.....	2
6.2 Concentricity.....	3
6.3 Tolerance on length.....	3
6.4 Minimum thickness of lining and cover.....	3
<b>7 Physical properties</b> .....	<b>3</b>
7.1 Rubber compounds.....	3
7.2 Finished hoses and hose assemblies.....	3
<b>8 Frequency of testing</b> .....	<b>4</b>
<b>9 Marking</b> .....	<b>4</b>
9.1 Hoses.....	4
9.2 Hose assemblies.....	5
<b>Annex A (normative) Test frequency for type tests and routine tests</b> .....	<b>6</b>
<b>Annex B (informative) Production acceptance tests</b> .....	<b>7</b>