

---

---

**Gaseous fire-extinguishing systems —  
Physical properties and system  
design —**

Part 5:  
**FK-5-1-12 extinguishant**

*Systèmes d'extinction d'incendie utilisant des agents gazeux —  
Propriétés physiques et conception des systèmes —*

*Partie 5: Agent extincteur FK-5-1-12*





**COPYRIGHT PROTECTED DOCUMENT**

© ISO 2016, Published in Switzerland

All rights reserved. Unless otherwise specified, 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  
Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
copyright@iso.org  
www.iso.org

# Contents

	Page
Foreword .....	iv
<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 Characteristics and uses .....</b>	<b>1</b>
4.1 General .....	1
4.2 Use of FK-5-1-12 systems .....	2
<b>5 Safety of personnel .....</b>	<b>5</b>
<b>6 System design .....</b>	<b>5</b>
6.1 Fill density .....	5
6.2 Superpressurization .....	6
6.3 Extinguishant quantity .....	6
<b>7 Environmental properties .....</b>	<b>9</b>