INTERNATIONAL STANDARD

ISO 5772

Second edition 2015-09-15

Rubber and plastic hoses and hose assemblies for measured fuel dispensing systems — Specification

Tuyaux et flexibles en caoutchouc et en plastique pour distribution mesurée de carburants — Spécification





COPYRIGHT PROTECTED DOCUMENT

© ISO 2015, 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	
Forev	vord		iv	
1	Scope		1	
2	Normative references		1	
3	Terms and definitions			
4	Classification		2	
5	Materials and construction		2	
6	Press	Pressure requirements		
7	Dime 7.1 7.2 7.3 7.4	Internal diameters and bend radii Minimum thickness of lining and cover Concentricity Tolerance on cut lengths	3 3	
8	Physi 8.1 8.2 8.3	Cal properties Compounds Finished hose Hose assembly	3 4	
9	End f	ttings	6	
10	Frequency of testing			
11	Type	tests	7	
12	Mark 12.1 12.2 12.3	ing Hoses End fittings Hose assemblies	7 7	
Anne		rmative) Test method for determination of low temperature resistance at (for normal temperature class) and -40 °C (for low temperature class)	8	
Anne		mative) Method for the determination of adhesion between components after geing	10	
Anne		mative) Test method for the determination of low temperature flexibility on a le of finished hose		
Anne	x D (no	rmative) Test method for the determination of fuel permeation	13	
Anne	x E (noi	mative) Test method for flammability	15	
Anne	x F (noi	mative) End-fitting pull-off test	17	
Anne	x G (no	rmative) Test method for fatigue strength under reversed bending stress (flex te	st) 18	
Anne	x H (no	rmative) Test method for the determination of leakage (leak test)	20	
Anne	x I (nor	mative) Test frequency for type tests and routine tests	21	
Anne	x J (info	rmative) Test frequency for production acceptance tests	22	
Biblio	ography	<i>I</i>	23	