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 w e b s i t e : w w w . l a b o r a t o r i o l a p i . i t

Notification N°0987

MED annex A.1 item: A.1/3.15  
 Certificate N°0987/MED-B/272

## EC TYPE-EXAMINATION CERTIFICATE ( Module B )

**Application Of:**

Council Directive 96/98/EC of 20 December 1996 On Marine Equipment ( MED ) as modified by Commission Directives 98/85/EC, 2001/53/EC and **as amended by Commission Directive 2002/75/EC and 2008/67/EC**

### Certificate N° 0987/MED-B/272

This Certificate consists of 2 pages.

This is to certify that the product

### HYPRESS 4SH

(Nominal Diameter: from 19 mm to 51 mm)

**MED annex A.1 item: A.1/3.15**

Product type:

**MATERIALS OTHER THAN STEEL FOR PIPES CONVEYING OIL OR FUEL OIL:  
FLEXIBLE PIPE ASSEMBLIES**

Supplied / Manufactured by:

**I.M.M. HYDRAULICS S.p.A.**

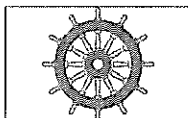
Zona Ind.le - C.da Saletti - 66041 ATESSA (CH) - Italy

**Complies with the requirements in the following Regulations/Standards:**

**Annex B, Module B in the above Directive and as applicable:**

1. SOLAS 74 as amended Reg II-2/15.2.8, II-22/18.2.2 Regulation X3 - IMO Res MSC.36(63) 7.5.4 (HSC Code) - Regulation II-2/4.2.2.5.6, Regulation X3.
2. ISO 15540 (1999); ISO 15541 (1999).

Further details of the product and conditions for certification are given overleaf



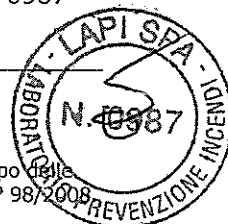
The Manufacturer is allowed to affix the Mark of conformity according to the Article 11 in the Council Directive 96/98/EC on Marine Equipment and issue a Declaration of Conformity, only when the Module D or E or F of Annex B in the same Directive is fully complied with.

Prato, 04/03/2010

Signatures: Dr. Luca Ermini - The Technical Director of Notified Body N°0987

Dr. Massimo Borsini - The Certification Manager

This certificate is valid until 03/03/2015



This Certificate is issued under the Authority of Ministero delle Infrastrutture e dei Trasporti Comando Generale del Corpo delle Capitanerie di Porto according to Decreto Ministeriale 26 October 2004 N° 825 and Decreto Ministeriale 1 February 2008 N° 98/2008



**Product description:**

Appearance: black hose with fittings at both ends.  
Technical data: I.M.M. Rubber Industries S.r.l. data sheet.  
Internal hose composition: CR synthetic rubber with four steel wire spirals.  
External covering: NBR/PVC synthetic rubber.  
Weight: from 1,556 to 4,903 kg/m according to hose diameter.  
Nominal diameter: from 19 (3/4") mm. to 51 mm (2")..  
Working pressure: from 250 bar to 420 bar according to the hose diameter.  
Manufacturing batch (HYPRESS 4SH): n° 12104 – 3Q09 on 12/11/2009 (DN 19); n° 40002 on 13/01/2010 (DN 31); n° 30229 on 09/11/2009 (DN 51).  
Factory: Zona Industriale, Loc. Piazzano - 66041 ATESSA (CH).

**Applications/limitations**

- The material fulfils the requirements of **ISO 15540 (1999)** as referred to in Directive 2002/75/EC and 2008/67/CE, item A.1/3.15

The compliance is valid for:

1. All the colours
2. All the nominal hose diameters from 19 mm (3/4") to 51 mm (2"), these extremes included.

The compliance is valid moreover provided that:

1. The composition and the structure of the hose remains the same as the one declared
2. The fittings remain the same as the ones relative supplied for the type examination.

**Type approval documentation:**

Product	Test Report	Issued by
HYPRESS 4SH (DN 19)	• 1775.0ISO110/09 - ISO 15540: 1999/Cor 1: 1999 Ship and marine technology - Fire resistance of hose assemblies. Test methods	LAPI S.p.A. Laboratorio Prevenzione Incendi - Italy - Notified Testing Body N° 0987 EN 17025 Accredited Laboratory IMO Testing Laboratory FP 039
HYPRESS 4SH (DN 31)	• 210.0ISO110/10 - ISO 15540: 1999/Cor 1: 1999 Ship and marine technology - Fire resistance of hose assemblies. Test methods	
HYPRESS 4SH (DN 51)	• 211.0ISO110/10 - ISO 15540: 1999/Cor 1: 1999 Ship and marine technology - Fire resistance of hose assemblies. Test methods	

=====**End of Document**=====

