



Company Information	Additional Company/ Plant Detail	Confirmation Of Type Approval						
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<table border="0"> <thead> <tr> <th><i>Certificate Number</i></th> <th><i>Category</i></th> <th><i>Expiry Date</i></th> </tr> </thead> <tbody> <tr> <td>12-NP2282265</td> <td>RQS</td> <td>23/JAN/2018</td> </tr> </tbody> </table>	<i>Certificate Number</i>	<i>Category</i>	<i>Expiry Date</i>	12-NP2282265	RQS	23/JAN/2018		
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12-NP2282265	RQS	23/JAN/2018						
<b>Product</b>	Non-Metallic Flexible Hose							
<b>Model</b>	FLEXOR 1A, 1AT, 2A, 2AT							
<b>Intended Service</b>	Hydraulic Fluid - Compressed Air							
<b>Description</b>	Oil-resistant synthetic rubber hoses reinforced with one or more high tensile steel braids or wires, covered with a synthetic rubber sheath.							
<b>Ratings</b>	According to SAE J517							
<b>Service Restrictions</b>	<p>1) Unit Certification is not required for this product. If the manufacturer or purchaser requests an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 2) Hoses are to be complete with factory assembled end fittings or factory supplied end fittings installed in accordance with manufacturer's specifications. 3) End connections are to comply with applicable requirements and limitation of Rules (4-6-2/5.5.4, 4-6-2/5.5.5, 4-6-7/3.5.1, 4-6-7/5.3.2). 4) Hose assemblies are to be installed only where flexibility is required, in clearly visible and readily accessible locations, and are not to be subject to torsional deflection under normal conditions; hose length is to be limited to that required by flexibility only. 5) Not to be used in high pressure fuel oil injection systems, steam systems or oil supply lines to boilers. 6) Not to be used for installations where repeated and/or frequent flexing is expected.</p>							
<b>Comments</b>	Only ALFAGOMMA approved ferrules and inserts are to be used for end fittings, as per the manufacturer's recommendations.							
<b>Notes, Drawing and Documentation</b>	This Product Design Assessment (PDA) is valid only for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.							
<b>Term Of Validity</b>	<p>This Product Design Assessment (PDA) Certificate 04-GE439236-2-PDA, dated 01/Oct/2012 remains valid until 30/Sep/2017 or until the Rules or specifications used in the assessment are revised (whichever occurs first). This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.</p> <p>Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.</p> <p>Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.</p>							

<b>ABS Rules</b>	This Product Design Assessment (PDA) is valid only for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product as follows: 2012 Steel Vessel Rules 1-1-4/Appendix 3, 4-6-2/5.7, 4-6-7/3.5.2.		
<b>National Standards</b>	SAE J517		
<b>Model Certificate</b>	<b>Model Certificate No</b>	<b>Issue Date</b>	<b>Expiry Date</b>
PDA	04-GE439236-2-PDA	01/OCT/2012	30/SEP/2017