



Germanischer Lloyd

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 40 816 - 01 HH

Company VOSWINKEL GmbH
Postfach 15 38
58531 Meinerzhagen, GERMANY

Product Description HOSE END FITTINGS FOR HYDRAULIC RUBBER HOSES

Type ECOVOS - SWAGE FITTINGS

Environmental Category None

Technical Data /
Range of Application TECHNICAL DATA
Socket part number: 15011 - DN, 15021 - DN, 15031 - DN
Nipple article number: 120..., 122..., 123..., 100..., 101..., 110..., 111..., 150..., 155...,
130..., 132..., 151..., 131..., 140..., 141..., 142
Standard material for socket and nipple: Steel acc. to EN 20277-3 / DIN 1651,
galvanised, yellow chromated and stainless steel acc. to DIN 17740 or equivalent.

RANGE OF APPLICATION
The above mentioned approved ferrules and nipples may be assembled on the
following hose types:
Manuli: • 2/3TE, 1/2SN, 1/2ST, 1/2SC, 4SP •
• All fittings used must conform to the requirements of the impulse pressure
test according to the relevant hose standard.
• Manufacturers of hose assemblies must be approved by GL.
• The selection of the hose fittings for the corresponding application and the
right installation are to be in acc. with the instructions of the manufacturer.

Test Standard • Impulse pressure test according DIN 20 024 respectively ISO 6803

Documents • Test reports
• Quality assurance manual
• Quality assurance procedures
• Data sheet

Remarks None

Valid until 2011-10-03

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Type Approval Symbol



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