

Hose type: **605AA063760000**

ID x OD: **63 x 76**

Lot: **51892**

Order confirmation: ----

Brand: **(AG logo) ALFAGOMMA-ITALY 605 (EVOLUTION logo) 10 bar (150 psi) PETROLEUM S&D (omega) - SAE 100R4 - MSHA IC-152/23**

Manufacturing date: **17/5/2024**

Test date: **17/5/2024**

Test code: **DHM240517/10**

Subject: **Alfagomma (Ningbo) Co. Ltd.**

| Property | Norm | Chapter | Test metod | Limits | | Results |
|--|---------------------------|---------|----------------|--------|----------|---|
| | | | | Min | Max | |
| Flexibility at minimum bend radius | ISO 13363 Type 1 / Type 2 | 8.2 | SO 1746 Met. / | 20 | 0.5 % | Reduction in outside diameter (BR = 355 mm) |
| Resistance to vacuum test | SAE 100 R4 | 11 | SAE J343 | 1 | 1 Visual | 0 leak or cracks/ 1 OK; at absolute pressure o 0.83 bar) for 5 min. |
| Inside diameter | SAE 100 R4 | 11.1.1 | SAE J343 | 61.9 | 65.1 | 63.4 mm |
| Outside diameter | SAE 100 R4 | 11.1.1 | SAE J343 | 82.6 | 76.7 | mm |
| Proof pressure | SAE 100 R4 | 11.1.2 | SAE J343 | 1 | 1 Visual | 0 leak/ 1 OK at the proof pressure (15 bar) |
| Adhesion (Filler/Cover) | SAE J2006 TYPE R2 | 6 | ASTM D413 | 2.2 | 3.6 | N/mm |
| Adhesion (Lining/Filler) | SAE J2006 TYPE R2 | 6 | ASTM D413 | 2.2 | 3 | N/mm |
| Thickness | Specifica Alfagomma | 02 | NI EN ISO 467 | | 7 | mm |
| Minimum tube thickness | Specifica Alfagomma | 03 | NI EN ISO 467 | | 2 | mm |
| Minimum cover thickness | Specifica Alfagomma | 04 | NI EN ISO 467 | | 1.5 | mm |
| Change in length at working pressure | Specifica Alfagomma | 06 | NI EN ISO 140 | | 4.3 % | 10 bar |
| Change in outside diameter at working pressu | Specifica Alfagomma | 07 | NI EN ISO 140 | | 0.2 % | 10 bar |
| Twist at working pressure | Specifica Alfagomma | 08 | NI EN ISO 140 | | 2.6 °/m | 10 bar |
| Burst pressure | Specifica Alfagomma | 12 | EN ISO 1402 | 30 | 43 | bar |
| Weight hose | Specifica Alfagomma | 44 | Interno | 2.06 | 2.09 | kg/m |
| Electrical resistance | Specifica Alfagomma | 63 | NI EN ISO 803 | 1 | 0.013 | MOhm |
| Electrical resistance tube | TRbF 131/2 | 5.7.1 | RbF DIN 5348f | 1 | 0.015 | MOhm |

Conclusions:

This test is passed

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Laboratory operator : 

Laboratory Mgr : 