



TEST REPORT
WERKSZEUGNIS
RELEVÉ DE CONTROLE
ATTESTATO DI CONTROLLO
EN 10204 - 2.2

N°124/22

Hose name: AG AUTOLOCK BLACK COVER
Inside diameter: DN 12
Reference specification: ALFAGOMMA SPECIFICATIONS
Batch no. reference : 2Q22-2022_37094-225091
Order confirmation no.: 20220643 (AGX INV. 20221117, dated 02-JUN-2022)
Order Qty: 1,586.00 m (Lot No.: 6122006670)

Characteristics	Unit	Specification	Actual
Hose inside diameter d1	mm	12,7 – 13,3	12,8
Wire outside diameter d3	mm	N/A	N/A
Hose outside diameter d2	mm	18,8 – 20,2	19,6
Max diff. Wall thickness (for s2) (Max concentricity F.I.R. I.D.- Wire O.D.)	mm	N/A	N/A
Max diff. Wall thickness (for s1) (Max concentricity F.I.R. I.D.- Cover O.D.)	mm	1,0 Max.	0,6
Minimum bend radius	mm	100	100
Proof pressure (static) at: 55 bar	N.A.	NO LEAK	NO LEAK
Change in length at operating pressure: 28 bar	%	+2 to -4	+0.6
Burst pressure	bar	112 Min.	> 112
Abrasion resistance (Edge weight: 2,5 kg)	g	1,0 Max	< 1,0
Adhesion tube/reinforcement (hose unaged)	N/mm	2,5 Min	> 2,5
Adhesion cover/reinforcement (hose unaged)	N/mm	2,5 Min	> 2,5
Oil resistance - volume swell in IRM 903 Tube: during 168 hours at 100 °C	%	0 : +25	+ 5,7
Cover: during 168 hours at 70 °C	%	0 : +100	+ 46,3
Cold flexibility at -40°C	N.A.	NO CRACK	NO CRACK
Ozone resistance (50 pphm / + 40°C / 72 h)	N.A.	NO CRACK	NO CRACK
Note: The actual range values are representative for the last 2 years of production			

Date: 21/06/2022
FACTORY QUALITY MANAGER


(Tzyy Hwang Lew)