

MARSEL
HOSES

**PRODUCT
CONFORMITY
AND
QUALITY
CERTIFICATES**

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CERTIFICATE



Uluslararası Belgelendirme




CE UYGUNLUK BEYANI CE DECLARATION OF CONFORMITY

**PETRONAN KİMYA GIDA SANAYİ
VE TİCARET ANONİM ŞİRKETİ**

İNÖNÜ MAH.GEBZE GÜZELLER OSB MAH. ATATÜRK BLV. PLASTAY NO: 22
İÇ KAPI NO: 1 GEBZE/ KOCAELİ/TÜRKİYE
ORHANGAZI ŞUBE: ÖRNEKKÖY MAH. KÖYÜÇİ SK. NO:113/1 ORHANGAZI /
BURSA

That the following described product in our delivered version complies with appropriate basic safety and health requirements of **GENERAL PRODUCT REGULATION 2001/95/EC** on its design and type, as brought into circulation by us. In Case of alteration of the product, not agreed upon by us, this declaration will lose its validity.

Teslim edilen versiyonumuzda aşağıda tanımlanan ürünün **GENEL ÜRÜN YÖNETMELİĞİ 2001/95/EC** tasarım ve tipine göre tarafımızca dolaşıma sokulan uygun temel güvenlik ve sağlık şartlarına uygun olduğunu beyan ederiz. Ürünün değiştirilmesi durumunda, tarafımızdan üzerinde anlaşmaya varılmayan bu beyan geçerliliğini kaybedecektir.

Description Of The Product/Product Part	: HOSE
Ürün / Ürün Parça Tanımı	: HORTUM
Applicable EC Directives	: 2001/95/EC
Uygulanabilir Direktifler	: 2001/95/EC
Applicable Harmonised Standards	: TS EN ISO 9001:2015
Uygulanabilir Standartlar	: TS EN ISO 9001:2015
Certificate Code	: PETRONAN KİMYA
Sertifika Kodu	: PETRONAN KİMYA
Certificate Number	: A1580920
Sertifika Numarası	: A1580920
Certificate Issue Date	: 09.02.2025
Sertifika Hazırlanma Tarihi	: 09.02.2025
Certificate Validity Date	: 09.02.2026
Sertifika Geçerlilik Tarihi	: 09.02.2026
EU Representative/AB Temsilcisi (Authorized Signature and Title) (Yetkili İmza ve Ünvanı)	

İmza alanı için geçerli olan CE belgesi ve diğer belgeleri zarfımıza yerleştirip, mühürleme işlemini 1 yıl geçerliliği için, belgenin yitirilmesinde garanti edilmez ve yitirilen belgenin yerine sağlanan diğer belgelerin de geçerliliği garanti edilmez. Bu belgeyi imzalayan kişi, belge ve diğer belgeleri korumalıdır.








Certificate No: FR027
Fiscal Year 2022



CERTIFICATE OF FDA COMPLIANCE



This certifies that:
The company of **PETRONAN KİMYA GIDA SAN. TİC. A.Ş.**

It comply with U.S. Food and Drug Administration pursuant to Federal Food Drug and Cosmetic Act, as amended by Bioterrorism Act 2002 and the FDA Food Safety Modernization Act.

Manufacturer Company Name: PETRONAN KİMYA GIDA SAN. TİC. A.Ş.

Manufacturer Company Address: ATATURK BULVARI, NO:22 K:1 GEBZE GUZELLER ORGANİZE SANAYİ TÜRKİYE

This certificate affirms that above stated facility products are comply with FDA Food additive and GRAS regulations.

Filling was performed at 2022. And renewal is not required until the next period of 2022. Ayansan will confirm such Registration remains effective upon request and presentation of the certificate until end of the year stated above, unless terminated after issuance of this certificate. AYANSAN makes no other representations or warranties, not does this certificate make any representations or warranties to any person or entity in connection with foregoing.

The U.S. Food and Drug Administration does not issue a certificate of Registration, nor the U.S. Food and Drug Administration recognise a certificate of Registration. Ayansan is not affiliated with U.S. Food and Drug Administration.

AYANSAN CHEMICAL CONSULTANCY PLS. LTD. CO.
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General Manager
Burak Ayan
Dated: 18.11.2022





Document No: 849001

Date: 18.11.2022

Version No: 1.0

FDA CERTIFICATE OF CONFORMITY

PETRONAN has a high global standard for human health and environmental awareness, PETRONAN declare that all their products comply with the requirements in U.S. Food and Drug Administration's (FDA).

PETRONAN is a hose manufacturer.

The term "safe," as it refers to food additives and ingredients (including food contact substances), is defined in 21 CFR 170.3(i) as a "reasonable certainty in the minds of competent scientists that a substance is not harmful under the intended conditions of use.

Food and Drug Administration Modernization Act (FDAMA), amended the Food Drug and Cosmetic Act (FD&C Act) to streamline the way in which the FDA conducted business. One of the new procedures established to accomplish this goal was a notification process for food-contact substances. The amended FD&C Act (United States, 1998a) defined a food-contact substance as "any substance intended for use as a component of materials used in manufacturing, packing, packaging, transporting, or holding food if such use is not intended to have a technical effect in such food."

Food Contact Substance (FCS) - Section 409 of the FD&C Act defines an FCS as any substance that is intended for use as a component of materials used in manufacturing, packing, packaging, transporting, or holding food if such use of the substance is not intended to have any technical effect in such food.

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PETRONAN products are safety to use in food contacts materials.

All the substances use in the products are in Inventory of Food Contact Substances Listed in 21 CFR.

All the substances are comply with FDA Food additive and GRAS regulations.

This statement refers to the supplies made to its costumers and its controlled companies.

Ayansan reviewed and controlled the products for comply FDA Food additive and GRAS regulations.

The substance of Polyvinyl Chloride comply with Food additive and GRAS regulations (21 CFR Parts 170-186): 176.170, 176.180, 177.1010

The substance of Di-2-Ethylhexyl Terephthalate comply with Food additive and GRAS regulations (21 CFR Parts 170-186): 177.1210

The substance of Azodicarbonamide of comply with Food additive and GRAS regulations (21 CFR Parts 170-186): 172.806, 177.1210, 177.2600, 178.3010 and Food labeling and standards regulations (21 CFR Parts 100-169): 136.110 , 137.105 , 137.200

The substance of Dioctyl Adipate of comply with Food additive and GRAS regulations (21 CFR Parts 170-186): 177.2600

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The substance of Titanium Dioxide of comply Color additive regulations (21 CFR Parts 73, 74, 81, 82): 73.1575, 73.2575, 73.3126, 73.350, 73.575 and Food additive and GRAS regulations (21 CFR Parts 170-186): 175.105, 175.210, 175.300, 175.380, 175.390, 176.170, 177.1200, 177.1210, 177.1350, 177.1400, 177.1460, 177.1650, 177.1680, 177.2260, 177.2600, 177.2800, 178.3297, 181.30

Manufacturer Company Name: PETRONAN KİMYA GIDA SAN. TİC. A.Ş.

Manufacturer Company Address: ATATURK BULVARI, NO:22 K:1 GEBZE
GUZELLER ORGANİZE SANAYİ TÜRKİYE

Manufacturer Phone: +90 530 548 04 20

Manufacturer E-mail: melike.ozkan@plastay.com

Burak Ayan

MSc Bioengineer Chemist

Chemical Safety and Regulatory Affairs Consultant



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Disclaimer Statement: This declaration has been completed by Ayansan independently. We shall assume no responsibility for any loss caused by disclosure of the report. We assume no liability for any loss incurred as a result of the use of the conclusion.

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AYANSAN Kimya Danışmanlık Plastik San. Tic. A.Ş. | İstanbul, Türkiye



MARSEL
HOSES



BELGE NUMARASI REFERENCE NUMBER OF LICENCE	149448-TSE-02/02
BELGENİN İLK VERİLİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	05.12.2023
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	05.12.2025
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	İNÖNÜ MAH.GEBZE GÜZELLER OSB MAH. ATATÜRK BLV. PLASTAY NO:22 /1 GEBZE KOCAELİ/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ ORHANGAZI ŞUBESİ
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	ÖRNEKKÖY MAH. KÖY İÇİ SK. NO:113 ORHANGAZI BURSA / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)	149448-TSE-02/01
TESCİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	marsel
İLGİLİ TÜRK STANDARDI RELATED TURKISH STANDARD	TS 8507 / 30.04.2015
BELGE KAPSAMI SCOPE OF LICENCE	POLİVİNİLKORÜRDEN (PVC) İMAL EDİLEN BAHÇE HORTUMU – TİP B

e-İmzalı/e-signed

25.12.2024

Belgelendirme Merkezi Başkanı Adına
YASEMİN ÖZKONUK

TSE BURSA BELGELENDİRME MÜDÜR VEKİLİ

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*Bu belge, hiç bir şekilde tahrif edilemez, kısmen veya tamamen zorlaştıracak şekilde çoğaltılamaz, kâzın ve aîrîni yapılamaz.
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MARSEL
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LIQUEFIED PETROLEUM GASES (LPG) HOSES TS 1846
TSE CERTIFICATE



Markanın Tanımı Description of the Mark
TSE veya/ve TSE veya/ve T S E

BELGE NUMARASI REFERENCE NUMBER OF LICENCE	149448-TSE-01/02
BELGENİN İLK VERİLİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	05.12.2023
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	05.12.2025
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	İNÖNÜ MAH.GEBZE GÜZELLER OSB MAH. ATATÜRK BLV. PLASTAY NO:22 /1 GEBZE KOCAELİ/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ ORHANGAZI ŞUBESİ
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	ÖRNEKKÖY MAH. KÖY İÇİ SK. NO:113 ORHANGAZI BURSA / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)	149448-TSE-01/01
TESCİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	marsel
İLGİLİ TÜRK STANDARDI RELATED TURKISH STANDARD	TS 1846 / 19.02.1975
BELGE KAPSAMI SCOPE OF LICENCE	HORTUMLAR SIVILAŞTIRILMIŞ PETROL GAZLARI HORTUMU

e-İmzalı/e-signed

25.12.2024

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MARSEL
HOSES

FIRE EXTINGUISHING HOSES TS EN 694:2014
TSE CERTIFICATE**TÜRK STANDARDLARI ENSTİTÜSÜ**
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDSMarkanın Tanımı Description of the Mark
TSE veya/ve TSE veya/ve TSE

BELGE NUMARASI REFERENCE NUMBER OF LICENCE	149448-TSE-04/02
BELGENİN İLK VERİLİŞ TARİHİ DATE OF FIRST ISSUE OF LICENCE	11.06.2024
BELGENİN SON GEÇERLİLİK TARİHİ LICENCE VALID UNTIL	11.06.2026
BELGE SAHİBİ KURULUŞUN ADI NAME OF THE LICENCE HOLDER	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ ADDRESS OF THE LICENCE HOLDER	İNÖNÜ MAH.GEBZE GÜZELLER OSB MAH. ATATÜRK BLV. PLASTAY NO:22 /1 GEBZE KOCAELİ/TÜRKİYE
ÜRETİM YERİ ADI NAME OF THE MANUFACTURING PLACE	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ ORHANGAZI ŞUBESİ
ÜRETİM YERİ ADRESİ ADDRESS OF THE MANUFACTURING PLACE	ÖRNEKKÖY MAH. KÖY İÇİ SK. NO:113 ORHANGAZI BURSA / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) INDICATION OF SUPERSEDED LICENCE (if any)	149448-TSE-04/01
TESCİLLİ TİCARİ MARKASI REGISTERED TRADE MARK	marsel
İLGİLİ TÜRK STANDARDI RELATED TURKISH STANDARD	TS EN 694:2014 / 30.10.2014
BELGE KAPSAMI SCOPE OF LICENCE	YANGIN SÖNDÜRME HORTUMLARI-YARI SERT HORTUMLAR-SABİT SİSTEMLER İÇİN A TİPİ, SINIF 2 ÇAP: 25 mm

e-imzalı/e-signed

11.06.2025

Belgelendirme Merkezi Başkanı Adına
BURAK TUNA

TSE BURSA BELGELENDİRME MÜDÜRÜ V.

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**MARSEL**
HOSES

TEXTILE REINFORCED HOSES FOR COMPRESSED AIR
TS EN ISO 5774 TSE CERTIFICATE



TÜRK STANDARDLARI ENSTİTÜSÜ
TÜRK STANDARDLARINA UYGUNLUK BELGESİ
TURKISH STANDARDS INSTITUTION
CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS



BELGE NUMARASI <i>REFERENCE NUMBER OF LICENCE</i>	149448-TSE-03/01
BELGENİN İLK VERİLİŞ TARİHİ <i>DATE OF FIRST ISSUE OF LICENCE</i>	11.06.2024
BELGENİN SON GEÇERLİLİK TARİHİ <i>LICENCE VALID UNTIL</i>	11.06.2026
BELGE SAHİBİ KURULUŞUN ADI <i>NAME OF THE LICENCE HOLDER</i>	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ
BELGE SAHİBİ KURULUŞUN ADRESİ <i>ADDRESS OF THE LICENCE HOLDER</i>	İNÖNÜ MAH.GEBZE GÜZELLER OSB MAH. ATATÜRK BLV. PLASTAY NO:22 /1 GEBZE KOCAELİ/TÜRKİYE
ÜRETİM YERİ ADI <i>NAME OF THE MANUFACTURING PLACE</i>	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ ORHANGAZI ŞUBESİ
ÜRETİM YERİ ADRESİ <i>ADDRESS OF THE MANUFACTURING PLACE</i>	ÖRNEKKÖY MAH. KÖY İÇİ SK. NO:113 ORHANGAZI BURSA / TÜRKİYE
İPTAL EDİLEN BELGE NUMARASI (Varsa) <i>INDICATION OF SUPERSEDED LICENCE (if any)</i>	
TESCİLLİ TİCARİ MARKASI <i>REGISTERED TRADE MARK</i>	marsel
İLGİLİ TÜRK STANDARDI <i>RELATED TURKISH STANDARD</i>	TS EN ISO 5774 / 05.07.2023
BELGE KAPSAMI <i>SCOPE OF LICENCE</i>	Plastik Hortumlar- Tekstil Takviyeli- Basıncılı Hava İçin - Tip B Anma iç çapı: 6.3 mm -25 mm Ksenon ark lambasına maruz bırakma: 250 saat, 60W/m2

e-imzalı/e-signed

11.06.2025

Belgelendirme Merkezi Başkanı Adına
BURAK TUNA

TSE BURSA BELGELENDİRME MÜDÜRÜ V.

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PRODUCERS' SELF-DECLARATION

amfori BSCI Producer self-declaration

To whom it may concern,

PETRONAN KİMYA hereby declare that the company has signed the amfori BSCI Code of Conduct. Furthermore, We declare the company meets amfori BSCI criteria to be audited following the amfori BSCI Small Producer Assessment (SPA), because:

- It is an independent business unit (no branch or part of a group)
- Over the last 12 months, it has employed total **78** workers, including **100**.

We understand that any false statements or concealment of a material fact will trigger a Zero Tolerance alert according to the amfori BSCI protocol.

We acknowledge that the company shall inform the amfori members and/or the relevant monitoring person/ auditor of any change to the structure or turnover that may exclude the company from being eligible for amfori BSCI SPA.

We accept the disclosure of this document in the amfori Sustainability Platform's business partner profile. We agree that the documents will be visible to all the users who have access to the producer profile in the amfori sustainability Platform.

Date



11.11.2024

PETRONAN KİMYA GIDA SAN. VE TİC.A.Ş.
 Gebze Organize Sanayi Bölgesi Mahallesi
 Atatürk Bulvarı No:22/3 Gebze Y. KOCAELİ
 Tlx: 0262 679 53 08 Faks: 0262 679 53 91
 İşletme No: 22055/301 Sicil No:25377

amfori BSCI Self-declaration



TS EN ISO 10619-1 DETERMINATION OF BENDING RADIUS TEST REPORT

	TÜRK STANDARDLARI ENSTİTÜSÜ DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI KİMYA VE GIDA LABORATUVARI ANKARA MÜDÜRLÜĞÜ			<table border="1"> <tr><td> </td></tr> <tr><td>250786</td></tr> <tr><td>08-23</td></tr> </table>		250786	08-23
250786							
08-23							
<i>TURKISH STANDARDS INSTITUTION</i> <i>HEADSHIP OF TSE TEST and CALIBRATION CENTER</i> <i>CHEMICAL AND FOOD LABORATORY</i>							
ANKARA							
Tel: 4166420 Faks: e-mail: msahin@tse.org.tr							
www.tse.org.tr							
MUAYENE VE DENEY RAPORU TEST REPORT							
Deneyi Talep Eden/Firma : <i>(Adı, Adresi, Şehir vb.)</i> <i>Requesting/Customer (Name, Address, City etc.)</i>	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ İNÖNÜ MAH.GEBZE GÜZELLER OSB MAH. ATATÜRK BLV. PLASTAY /1 NO:22 GEBZE						
Deney Talep Tarih / No : <i>Order Date/No.</i>	16.08.2023 / 2023-196196						
Numunenin Tanımı : <i>(Cins, Marka, Sınıf, Tip, Tür, Model vb.)</i> <i>Sample Description (Type,Mark,Class,Model etc.)</i>	2023-246604, maesel petronan şeffaf örgülü, marsel, şeffaf örgülü, 1.00, metre						
Numune Kabul Tarihi : <i>Sample Receipt Date</i>	18.08.2023						
Deneylerin Yapıldığı Tarih : <i>Date of Test</i>	18.08.2023 / 21.08.2023						
Uygulanan Standart Metot : <i>Applied Standard/Method</i>	DEĞERLENDİRME, Maddde 5.3.2.4/Bükülme yarıçapının tayini (Sadece Tip A ve Tip B hortumlar için) TS EN ISO 10619-1						
Raporun Sayfa Sayısı : <i>Number of pages of the report</i>	2						
Deney Sonucu : <i>Test Result</i>	-						
Açıklamalar : <i>Remarks</i>	-						
Yukarıda tanımlanan numune için laboratuvarımızda yapılan muayene ve deneylerden elde edilen sonuçlar mütekip sayfalarda verilmiştir. <i>The testing and /or measurement results are given on the following pages which are part of this report.</i>							
Karekod <i>QR Code</i>	Tarih <i>Date</i>	Deney Sorumlusu <i>Person in charge of test</i>	Kontrol Eden <i>Reviewer</i>	Onaylayan <i>Head of Laboratory</i>			
	21.08.2023	HATİCE ARSLAN	GAMZE ÖZHAN TAŞ	MEHTAP ŞAHİN			
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LAB-D-FR-36 / 11.06.2020-6			1/ 2				



TS EN ISO 10619-1 DETERMINATION OF BENDING RADIUS
TEST REPORTDENEY LAB. MERKEZİ BAŞKANLIĞI ANKARA KİMYA LABORATUVARI
MEMBERSHIP OF TSE TEST LABORATORIES CENTRE ANKARA CHEMISTRY LABORATORY250786
08-23

MUAYENE - DENEY SONUÇLARI TEST RESULTS

ÖZELLİKLER BAHÇE HORTUMU, TİP B	BULUNAN SONUÇLAR
Bükülme Yarıçapı TS 8507:2015-04 Hortumlar - Bahçe hortumu	T/D K:0,87 U
T : BÜKÜLMEDEN SONRAKİ DIŞ ÇAP D :BÜKÜLMEDEN ÖNCEKİ DIŞ ÇAP	
U: Belirtilen şartlara uygun Bu rapor sadece deneyi yapılan numuneler için geçerlidir.	





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DENEY ve KALİBRASYON
MERKEZİ BAŞKANLIĞI
BURSA LABORATUVARLARI MÜDÜRLÜĞÜ

TURKISH STANDARDS INSTITUTION
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Üçevler Mah 2. Sk. No 12 KOSGEB (Batı Müdürlüğü) Binası 16120 NİLÜFER/BURSA

Tel: +90 (224) 441 96 06 Faks: e-mail: bursalab@tse.org.tr

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327938


10-23

MUAYENE VE DENEY RAPORU
TEST REPORT

Deneyi Talep Eden/Firma : <i>(Adı, Adresi, Şehir vb.)</i> <i>Requesting/Customer (Name, Address, City etc.)</i>	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ İNÖNÜ MAH.GEBZE GÜZELLER OSB MAH. ATATÜRK BLV. PLASTAY /I NO:22 GEBZE
İnceleme No <i>Inspection No</i>	2845858
Deney Talep Tarihi / No : <i>Order Date/No.</i>	6.10.2023 / 2023-245228
Numunenin Tanımı : <i>(Cins, Marka, Sınıf, Tip, Tür, Model vb.)</i> <i>Sample Description (Type, Mark, Class, Model etc.)</i>	2023-300484, GAZ HORTUMU, BKZ TUTANAK, 1.00, 1
Numune Kabul Tarihi : <i>Sample Receipt Date</i>	11.10.2023
Deneylerin Yapıldığı Tarih : <i>Date of Test</i>	11.10.2023 / 30.10.2023
Uygulanan Standart Metot : <i>Applied Standard/Method</i>	DEĞERLENDİRME, TS 1846/Hortumlar (sıvılaştırılmış petrol gazları ve havagazı için)
Raporun Sayfa Sayısı : <i>Number of pages of the report</i>	2
Deney Sonucu : <i>Test Result</i>	Yapılan Deneyler Yönüyle Uygundur
Açıklamalar : <i>Remarks</i>	

Yukarıda tanımlanan numune için laboratuvarımızda yapılan muayene ve deneylerden elde edilen sonuçlar müteakip sayfalarda verilmiştir.
The testing and /or measurement results are given on the following pages which are part of this report.

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Rules described in "LAB-D-PR-18 Decision Rule Procedure", which is published on TSE Web site have been applied to the test result for which Conformity Declaration is given in this test report.

Karekod <i>QR Code</i>	Tarih <i>Date</i>	Deney Sorumlusu <i>Person in charge of test</i>	Kontrol Eden <i>Reviewer</i>	Onaylayan <i>Head of Laboratory</i>
	30.10.2023	MERYEM KARDAŞ	ONUR YUCAK	ALP KEREM KÜLERİ

Bu rapor, hazırlayan laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve karekodsuz raporlar geçersizdir. Bu rapor, sadece deneyi yapılan numune için geçerlidir ve "Ürün Belgesi" yerine geçmez.
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BURSA LABORATUVARLARI MÜDÜRLÜĞÜ
HEADSHIP OF TEST and CALIBRATION CENTER
Bursa Laboratory

327938
10-23

MUAYENE - DENEY SONUÇLARI TEST RESULTS

Numune Ürün ve/veya Bileşen Özellikleri	Gaz İletiminde Kullanılan Hortumlar, Sıvılaştırılmış Petrol Gazları Hortumu
---	---

Özellik	İstenen	Ölçülen/Değerlendirme*
<p>Madde 2.3.10 Numune olarak ayrılan hortumların birisinden, işaretleme yerlerinin dışında kalacak şekilde, 100 mm boyunda üç deney parçası kesilir ve bunların birer ucu, hortum iç çapından %25 daha kalın olan birer bağlantı ucuna geçirilir. 48 saat ozona değmeyecek şekilde dinlendirilir. Bu süre sonunda, parçalar sıcaklığı $30 \pm 2^{\circ}\text{C}$'ta tutulan ve içinde milyonda $0,5 \pm 0,1$ ozon bulunan kapalı bir kap içine konulur (TS 1773). Bu deneyde kullanılacak ozonlu havanın nisbi rutubeti %25 den çok olmamalıdır. Kap içinde ozonlu havanın en az 50 cm/min. hızla hareketini sağlayacak mekanik bir düzen bulunmalıdır.</p> <p>Her 24 saatte bir deney parçalarının üzerinde çatlaklar oluşup oluşmadığına çıplak gözle bakılır.</p> <p>Deney 120 saat sonra durdurulur. Bu süre sonunda, deney parçaları üzerinde çıplak gözle görülebilecek çatlaklar oluşup oluşmadığına bakılır.</p>	<p>Madde 1.2.13 Madde 2.3.10'da açıklanan deney uygulandığında, hortum üzerinde çıplak gözle görülebilecek hiçbir çatlak olmamalıdır.</p>	<p>Çatlak gözlenmemiştir. (U)</p>

* Kısaltmalar:
U: Belirtilen şartlara uygun.
UD: Belirtilen şartlara uygun değil.





TÜRK STANDARLARI ENSTİTÜSÜ
DENEY ve KALİBRASYON
MERKEZİ BAŞKANLIĞI
KİMYA VE GIDA LABORATUVARI ANKARA
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TURKISH STANDARDS INSTITUTION
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284431


09-23

MUAYENE VE DENEY RAPORU
TEST REPORT

Deneyi Talep Eden/Firma : (Adı, Adresi, Şehir vb.) Requesting/Customer (Name, Address, City etc.)	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ İNÖNÜ MAH.GEBZE GÜZELLER OSB MAH. ATATÜRK BLV. PLASTAY /1 NO:22 GEBZE
İnceleme No Inspection No	2769109
Deney Talep Tarihi / No : Order Date/No.	11.09.2023 / 2023-218023
Numunenin Tanımı : (Cins, Marka, Sınıf, Tip, Tür, Model vb.) Sample Description (Type, Mark, Class, Model etc.)	2023-271071, Bahçe Hortumu – Tip B, bahçe Hortumu – Tip B, 1.00, set
Numune Kabul Tarihi : Sample Receipt Date	04.09.2023
Deneylerin Yapıldığı Tarih : Date of Test	12.09.2023 / 22.09.2023
Uygulanan Standart Metot : Applied Standard/Method	TS 8507/Hortumlar - Bahçe hortumu - Polivinilklorürden (PVC)
Raporun Sayfa Sayısı : Number of pages of the report	2
Deney Sonucu : Test Result	Olumlu
Açıklamalar : Remarks	

Yukarıda tanımlanan numune için laboratuvarımızda yapılan muayene ve deneylerden elde edilen sonuçlar müteakip sayfalarda verilmiştir.
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Rules described in "LAB-D-PR-18 Decision Rule Procedure", which is published on TSE Web site have been applied to the test result for which Conformity Declaration is given in this test report.

Karekod QR Code	Tarih Date	Deney Sorumlusu Person in charge of test	Kontrol Eden Reviewer	Onaylayan Head of Laboratory
	22.09.2023	HATİCE ARSLAN	GAMZE ÖZHAN TAŞ	MEHTAP ŞAHİN

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HEADSHIP OF TSE TEST LABORATORIES CENTRE ANKARA CHEMISTRY LABORATORY

284431

09-23

MUAYENE - DENEY SONUÇLARI TEST RESULTS

ÖZELLİKLER BAHÇE HORTUMU, TİP B	İSTENİLEN DEĞER	BULUNAN SONUÇLAR
2.3.1.1 - Bağlı Yoğunluk (TS 1818)	1,45'den fazla olmamalıdır.	U 1,22 g/cm ³
1.2.4.4 - Bükülme Yarıçapı (TS 3915)	K değeri 0,80'den küçük olmamalıdır.	U T/D Not 1 K:0,89

Not 1 :

T : BÜKÜLMEDEN SONRAKİ DIŞ ÇAP

D :BÜKÜLMEDEN ÖNCEKİ DIŞ ÇAP

U: Belirtilen şartlara uygun

UD: Belirtilen şartlara uygun değil



TS 6890 DETERMINATION OF FLEXIBILITY AT LOW TEMPERATURES TEST REPORT

INSPECTION
REPORT

TR12323498

10.11.2023



EUROLAB LABORATUVAR A.Ş.



Report No/ Rapor No : 2023111051
Applicant/Deney Sahibi : PETRONAN KİMYA GIDA SAN.VE TİC. A.Ş.
Contact Person / Yetkili : Melike ÖZKAN
Contact Telephone / Telefon: 0262 679 53 00
Contact e-mail / E-Posta: info@petronan.com.tr / plastay.lab@plastay.com
Sample Accepted on / Numune Tarihi : 26.09.2023
Report Date / Rapor Tarihi : 10.11.2023
Total number of pages/Rapor Sayfa : 4(pg)
Sample ID : Marsel Hortum

	TEST	DIRECTIVE	METHOD	RESULT
*	Determination of Flexibility at Low Temperature	The General Product Safety Directive (GPSD) (2001/95/EC)	TS 8507- Clause: 5.3.1.2. Reference standard:TS 6890	PASS

NOTE: This test result replaces the conformity assessment, can be presented to official institutions, and used in products and brochures.



Seal



Customer Representative
Merve Nur KIRVELİ



Laboratory Manager
Merve ÖZLÜ

Test results, methods and other information about the sample shown in the relevant pages of this Report are based on the information specified in accordance with "Test Request Form (PR03-F01)" conveyed to us from the Applicant. Test results are valid for the sample as identified above. Sample may not represent the lot which it belongs. This Report does not replace a Product Certificate. Full report or any part of it may not be reproduced or used for any other purpose without the written permission of EUROLAB Laboratory. Sampling has not been done by us. Unsigned and unsealed Reports are invalid. Analysis as indicated with "*" are in the Scope of our Accreditation Certificate issued from UAF according to TS EN ISO/IEC 17020, 17025. Analysis as indicated with "++" are performed at the external laboratories using accredited test methods according to EN ISO/IEC 17020, 17025 from UAF. Possible extra notes may add with starting "N" to related pages. Tested and remaining samples will be kept in specified terms & conditions at test request and/or proposal form. Physically, chemically and microbiologically decomposed samples are discarded regardless of the storage period. Applicant can not claim any right in this regard. Results are shown in this Report do not include Measurement Uncertainty values. Measurement Uncertainty values are not taken in consideration during Pass/Fail assessment the of test results shown in this Report. Evaluation of the test results using Measurement Uncertainty values is the responsibility of the Applicant.

PR33-F01/08.10.2015/Rev:17.01.2017-R01

Page 1 / 4

Address: Merkez Mh, Dr Sadık Ahmet Cd, No 38/44, Bağcılar, İstanbul, Türkiye
Contact: www.laboratuvar.com e-mail: info@laboratuvar.com



MARSEL
HOSES

TS 6890 DETERMINATION OF FLEXIBILITY AT LOW TEMPERATURES TEST REPORT

Inspection Report



TS 8507:Hoses - Garden hose - Polyvinylchloride (PVC)

Scope

Hoses covered by this standard are hoses with a working pressure up to 0.7 MPa and designed for cold water.

5.3.1.2 - Determination of Flexibility at Low Temperature

Principle

Test pieces prepared from polyvinyl chloride dough are twisted under a certain torque at various temperatures and the effects of low temperatures on the flexibility of polyvinyl chloride dough are determined by measuring the torsion angle of the test piece and the temperature corresponding to the torsion angle of 200° is found.

Conditioning

Before testing, the samples were conditioned at 55°C for 16 hours according to TS 8507 standard.

Procedure

*	The thickness and width of the test piece are measured with an accuracy of 0.01 mm. The test piece is attached to the jaws at the lowest temperature without any tension and in a way that its entire width is grasped. The distance between the jaws is measured with an accuracy of 0.5 mm.
*	Care should be taken to ensure that the longitudinal axis of the test piece coincides with the rotation axis of the upper jaw.
*	The experiment is started with a temperature that will give a twist angle of approximately 30°.
*	After waiting for at least 3 minutes, a torque of 0.057 Nm is applied and after 5 seconds, the pulley is determined not to rotate and the torsion angle, G, is read. The retaining pin is expanded and the pulley is brought to 0°.
*	While the temperature is increased by approximately 2°C per minute, torque is applied for 5 seconds for each temperature increase of 5°C or less and the torsion angles are read and recorded.
*	The experiment is terminated when the torsion angle reaches 400°.

PR33-F01/08/10/2015/Rev:17.01.2017-R01



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MARSEL
 HOSES

TS 6890 DETERMINATION OF FLEXIBILITY AT LOW TEMPERATURES TEST REPORT

Inspection Report



☒ Pre-aging test results

Sample	Temperature °C	Torsion Angle
Marsel Hortum	-20	No torsion
	-19	10°
	-18	30°
	-17	90°
	-16	130°
	-15	180°
	-13	200°
	-5	210°
	0	220°
	+5	250°
	+10	280°
	+15	310°
	+20	320°
	+25	360°
	+30	390°
+32	400°	

☒ Test results after aging

Sample	Temperature °C	Torsion Angle
Marsel Hortum	-20	No torsion
	-19	8°
	-18	26°
	-17	87°
	-16	130°
	-15	180°
	-13	200°
	-5	210°
	0	220°
	+5	250°
	+10	280°
	+15	310°
	+20	320°
	+25	360°
	+30	390°
+32	400°	

PR33-F01/08/10/2015/Rev:17.01.2017-R01



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Page 3 / 4



MARSEL
HOSES

TS 6890 DETERMINATION OF FLEXIBILITY AT LOW TEMPERATURES TEST REPORT

Inspection Report



Sample	Requirement (TS 8507- Table 1)		Result
	Temperature To Determine Elasticity Before Aging (maximum)	Temperature To Determine Elasticity After Aging (maximum)	
Marsel Hortum	0 °C	5 °C	PASS

Sample Image



End Of Report

PR33-F01/08/10/2015/Rev:17.01.2017-R01



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Page 4 / 4



MARSEL
HOSES



TL-543

TEST REPORT Job No./Report No TR2545772-IR1 Date: 06 November 2024 Page 1 of 5

PETRONAN KİMYA GIDA SAN. TİC. A.Ş.
ÖRNEKKÖY MAH. KÖYÜÇİ SK. NO: 113/1 ORHANGAZI / BURSA
TEL: 0534 225 67 39

To the attention of Yağmur Nur Kaplan

The following sample(s) was (were) submitted and identified by/on behalf of the client as:

Sample No.	Sample Description
A	STEEL-WIRE HOSE

Client's reference No. : TR 2545772-IR1
Brand Name : MARSEL
Sample Receiving Date : 13 September 2024
Test Performing Period : 13 September 2024-06 November 2024

Overall Conclusion : **SEE RESULTS**

Test Results : Please refer to the next page(s).

Performed Test Summary: Selected test(s) as requested by client against Client's performance standard.

Doc. No.: CTSBL-F-5, 10-08NF / First Publish Date: 28.08.2014 / Revision Date / No.: 7.03.2024 / 10

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Member of the SGS Group



MARSEL
H O S E S



TL-543

TEST REPORT Job No./Report No TR2545772-IR1 Date: 06 November 2024 Page 2 of 5

Test Parameters	Result
Chemical tests	A1
FCM - Overall Migration of Total Non-volatile Substance in Plastic Materials - Simulant A (Ethanol 10%)	M
FCM - Overall Migration of Total Non-volatile Substance in Plastic Materials - Simulant B (Acetic Acid 3%)	M
FCM - Overall Migration of Total Non-volatile Substance in Plastic Materials - Simulant C (Ethanol 20%)	M
FCM - Overall Migration of Total Non-Volatile Substance in Plastic Materials-Simulant D2 (Rectified Olive Oil)	Still Continues

Remarks	M = Meets client's requirement
	F = Does not meet client's requirement
	I = Inconclusive
	* = No specified requirement
Notes:	Conclusions on meet/fail are based on the test result from the actual sampling of the received sample(s).
	Residual sample can be returned to client if requested.

Doc. No.: CTSU-F-5,10-SBNF / First Publish Date: 28.06.2014 / Revision Date / No.: 7.03.2024 / 10

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In this Test Report tests marked (1) are included in the IAS Accreditation Scope of this Laboratory.

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TEST REPORT Job No./Report No TR2545772-IR1 Date: 06 November 2024 Page 3 of 5

The test results relate to the tested items only.
Test reports without SGS seal and authorised signatures are invalid.

Issued in Istanbul
Signed for and on behalf of
SGS Supervise Gözetme Etüd Kontrol Servisleri A.Ş.

FCM - OVERALL MIGRATION OF TOTAL NON-VOLATILE SUBSTANCE IN PLASTIC MATERIALS- SIMULANT D2 (RECTIFIED OLIVE OIL) TEST WILL BE ADDED.

RAVIYE MUTLU Customer Services Supervisor	Bora Şirinbilek Hardline C&H Testing Services Manager

Component List / List of Materials for Chemical Test

Sample No.	Sample Description	Material No.	Component	Material	Colour
A	STEEL-WIRE HOSE	A1	Main	Plastic	Transparent blue

Doc. No.: CTSI-F-5.10-98NF / First Publish Date: 28.08.2014 / Revision Date / No.: 7.03.2024 / 10

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TEST REPORT Job No./Report No TR2545772-IR1 Date: 06 November 2024 Page 4 of 5

Testing as per Commission Regulation (EU) No 10/2011

Overall migration¹

Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods (1st + 2nd + 3rd Migration); EN 1186-3:2022 Test methods for overall migration in evaporable simulants

Simulant Used	Test Condition	Result (mg/dm ²)			Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		A1				
		1 st migration	2 nd migration	3 rd migration		
10% Ethanol (V/V)	10 days at 40 °C	ND	ND	ND	3.0	10
3% Acetic Acid (W/V)	10 days at 40 °C	ND	ND	ND	3.0	10
20% Ethanol (V/V)	10 days at 40 °C	5.0	ND	ND	3.0	10
Stability [^]	--	Compliant			--	--
Conclusion	--	PASS			--	--

- Note :
1. mg/dm² = milligram per square decimeter
 2. °C = degree Celsius
 3. ND = Not Detected
 4. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.

- Remark:
1. Analytical tolerance of evaporable simulants is 2 mg/dm².
 2. Test condition & simulant were specified by client.
 3. ^ = Stability trend is based on the result of the material from first to third migration test as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V for repeated use articles.
 4. The compliance is based on the stability trend and 3rd migration result.
 5. The ratio of surface area to volume ratio is 6 dm² per 1 kg of foodstuff in contact with

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Doc. No.: CTSBL-F-5-10-08NF / First Publish Date: 28.08.2014 / Revision Date / No.: 7.03.2024 / 10

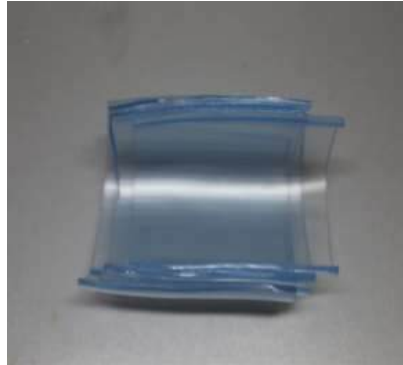
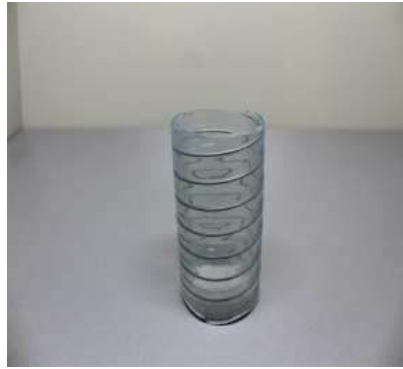


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TEST REPORT Job No./Report No TR2545772-IR1 Date: 06 November 2024 Page 5 of 5



* * * End of Test Report * * *

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For Fire Extinguishing Hoses; TS EN ISO 8033 Adhesion
EN ISO 10619-2:2011 Low Temperature Flexibility
TS EN ISO 7326 Ozone Resistance Test Reports

 <p>TÜRK STANDARDLARI ENSTİTÜSÜ DENEY ve KALİBRASYON MERKEZİ BAŞKANLIĞI BURSA LABORATUVARLARI MÜDÜRLÜĞÜ</p> <p><i>TURKISH STANDARDS INSTITUTION</i> <i>HEADSHIP OF TSE TEST and CALIBRATION CENTER</i> <i>BURSA LABORATORY</i></p> <p>Üçevler Mah 2. Sk. No 12 KOSGEB (Batı Müdürlüğü) Binası 16120 NİLÜFER/BURSA</p> <p>Tel: +90 (224) 441 96 06 Faks: e-mail: bursalab@tse.org.tr</p> <p>www.tse.org.tr</p>			 <p>Test TS EN ISO/IEC 17025 AB-0001-T</p> <p>AB-0001-T</p> <p>98521</p> <p>04-24</p>	
<p>MUAYENE VE DENEY RAPORU <i>TEST REPORT</i></p>				
<p>Deneyi Talep Eden/Firma : <i>(Adı, Adresi, Şehir vb.)</i> Requesting/Customer (Name, Address, City etc.)</p>		<p>PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ ORHANGAZI MAHALLESİ ÖRNEKKÖY CAD. KÖY İÇİ SOKAK NO:113 ORHANGAZI / BURSA</p>		
<p>İnceleme No <i>Inspection No</i></p>		<p>2845860</p>		
<p>Deney Talep Tarihi / No : <i>Order Date/No.</i></p>		<p>28.02.2024 / 2024-60225</p>		
<p>Numunenin Tanımı : <i>(Cins, Marka, Sınıf, Tip, Tür, Model vb.)</i> Sample Description (Type, Mark, Class, Model etc.)</p>		<p>2024-061332, A Tipi, Sınıf 2, A Tipi, Sınıf 2, 1.00, set</p>		
<p>Numune Kabul Tarihi : <i>Sample Receipt Date</i></p>		<p>15.03.2024</p>		
<p>Deneylerin Yapıldığı Tarih : <i>Date of Test</i></p>		<p>15.03.2024 / 02.04.2024</p>		
<p>Uygulanan Standart Metot : <i>Applied Standard/Method</i></p>		<p>DEĞERLENDİRME, TS EN 694/Yangın söndürme hortumları - Sabit sistemler için yarı sert hortumlar</p>		
<p>Raporun Sayfa Sayısı : <i>Number of pages of the report</i></p>		<p>3</p>		
<p>Deney Sonucu : <i>Test Result</i></p>		<p>Yapılan Deneyler Yönüyle Uygundur</p>		
<p>Açıklamalar : <i>Remarks</i></p>		<p>-</p>		
<p><small>Yukarıda tanımlanan numune için laboratuvarımızda yapılan muayene ve deneylerden elde edilen sonuçlar müteakip sayfalarda verilmiştir. The testing and/or measurement results are given on the following pages which are part of this report.</small></p>				
<p><small>Bu raporda Uygunluk Beyanı verilen deney sonuçları için TSE internet sitesinde yayınlanan LAB-D-PR-18 Karar Kuralı Prosedüründe belirtilen kurallar uygulanmıştır. Rules described in "LAB-D-PR-18 Decision Rule Procedure", which is published on TSE Web site have been applied to the test result for which Conformity Declaration is given in this test report.</small></p>				
<p><small>Deney laboratuvarları olarak faaliyet gösteren TSE Deney ve Kalibrasyon Merkezi Başkanlığı Deney Laboratuvarları TÜRKAK'tan AB-0001-T ile TS EN ISO/IEC 17025:2017 standardına göre akredite edilmiştir. TSE Headship of Test and Calibration Center Testing Laboratories accredited by TÜRKAK under registration number AB-0001-T for TS EN ISO/IEC 17025:2017 as test laboratory. TÜRKAK deney raporlarının tanınırlığı konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanıma anlaşması imzalanmıştır. TÜRKAK is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports. Deney ve/veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (olması halinde) ve deney metodları bu raporun tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir. The test and/or measurement results, the uncertainties (if applicable) with confidence probability and test methods are given on the following pages which are part of this report.</small></p>				
	<p>Tarih <i>Date</i></p> <p>02.04.2024</p>	<p>Deney Sorumlusu <i>Person in charge of test</i></p> <p>ÖZGE BATIKAN</p>	<p>Kontrol Eden <i>Reviewer</i></p> <p>ONUR YUCAK</p>	<p>Onaylayan <i>Approved by</i></p> <p>ALP KEREM KÜLERİ</p>
<p><small>Bu rapor, hazırlayan laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve karekodsuz raporlar geçersizdir. Bu rapor, sadece deneyi yapılan numune için geçerlidir ve "Ürün Belgesi" yerine geçmez. This test report shall not be reproduced other than in full except with the written permission of the laboratory. Test reports without signature and seal are not valid. This test report represents only tested sample(s), and shall not be used as Product Certificate.</small></p>				
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<p>LAB-D-FR-36 / 11.06.2020-6</p>		<p>1/ 3</p>		



For Fire Extinguishing Hoses; TS EN ISO 8033 Adhesion
EN ISO 10619-2:2011 Low Temperature Flexibility
TS EN ISO 7326 Ozone Resistance Test Reports



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HEADSHIP OF TEST and CALIBRATION CENTER
Bursa Laboratory

AB-0001-T
98521
04-24

MUAYENE - DENEY SONUÇLARI TEST RESULTS

Numune Ürün ve/veya Bileşen Özellikleri	Yangın söndürme hortumları - Yarı sert hortumlar - Sabit sistemler için A Tipi, Plastik Bir Kaplama ve Plastik Bir Astar Sınıf 2 İç Çap: 25 mm Yangın Söndürme Hortumu
---	---

Özellikler	Madde No	İstenen Değer	Ölçülen/Değerlendirme**
Yapışma, en az kN/m TS EN ISO 8033	6.2	1,5	3,4 (U)
Düşük Sıcaklıkta Esneklik EN ISO 10619-2:2011	6.4	Hortum hiçbir çatlama veya kırılma belirtisi göstermemeli ve Çizelge 4'te verilen deneme basıncı kurallarını sağlamalıdır.	Çatlak gözlenmemiştir. ***
Ozona Dayanıklılık TS EN ISO 7326*	6.6	Hortumun astarında ve kaplamasında, hiçbir çatlama belirtisi gözlenmemelidir.	Çatlak gözlenmemiştir. (U)

* Belirtilen standart/metot akreditasyon kapsamındadır.

** Kısaltmalar:

U: Belirtilen şartlara uygun

UD: Belirtilen şartlara uygun değil.

ŞB: Bu deney beyan ve şartlar belirtilmediğinden değerlendirilememiştir.

*** Deneme basıncı testi laboratuvarımız imkanları ile yapılamamaktadır, test sonrası firma laboratuvarında ilgili deney yapılmak üzere numune Belgelendirme Uzmanına teslim edilmiştir.

Çizelge - Ozona Dayanım Testi Sonuçları

Sayfa 2 / 3

LAB-D-FR-36 / 11.06.2020-6



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MUAYENE - DENEY SONUÇLARI TEST RESULTS

Öngörme Süresi, Sa.	Germe Oranı, %	Test Süresi, Sa.	Test Sic., °C	Ozon Kons., pphm	Çatlak Oluşumu (Niteliği/Sayısı)
48	-	72	40	50	Çatlak gözlenmemiştir.
NUMUNE BİLGİLERİ					
Numune tipi			Hortum		
Numune hazırlama şekli			Hortumdan kesilerek		
Deney parçası sayısı			1		
DENEYE AİT BİLGİLER					
Ozon ölçüm metodu			UV absorpsiyonu		
Ozonlaştırılmış hava hızı, m/sn.			0,0134		
İncelemede kullanılan büyüteç büyütme oranı			2X		
Test metodu			Metot 1		
Test Cihazı		Ölçüm Cihazı		Uygulanan Standart	
<input checked="" type="checkbox"/> Gibitre Ozon Check - Döner taşıyıcı		<input checked="" type="checkbox"/> Mitutoyo Dijital Kumpas		<input type="checkbox"/> TS ISO 1431-1 <input checked="" type="checkbox"/> TS EN ISO 7326* <input type="checkbox"/> ASTM D1149 <input type="checkbox"/> TS EN 60811-403 <input type="checkbox"/> FIAT 50417	
Ortam Sıcaklığı, °C		24		Operatör	
Ortam Bağıl Nemi, %		44		Deney Tarihi	
				Özge BATIKAN 27.03-01.04.2024	

* Belirtilen standart/metot akreditasyon kapsamındadır.





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MERKEZİ BAŞKANLIĞI
KİMYA VE GIDA LABORATUVARI ANKARA
MÜDÜRLÜĞÜ

TURKISH STANDARDS INSTITUTION
HEADSHIP OF TSE TEST and CALIBRATION CENTER
CHEMICAL AND FOOD LABORATORY

ANKARA

Tel: 4166420

Faks:

e-mail: msahin@tse.org.tr

www.tse.org.tr

97435


04-24

MUAYENE VE DENEY RAPORU
TEST REPORT

Deneyi Talep Eden/Firma : <i>(Adı, Adresi, Şehir vb.)</i> Requesting/Customer (Name, Address, City etc.)	PETRONAN KİMYA GIDA SANAYİ VE TİCARET ANONİM ŞİRKETİ İNÖNÜ MAH.GEBZE GÜZELLER OSB MAH. ATATÜRK BLV. PLASTAY /1 NO:22 GEBZE
İnceleme No Inspection No	2958713
Deney Talep Tarihi / No : Order Date/No.	14.03.2024 / 2024-76618
Numunenin Tanımı : <i>(Cins, Marka, Sınıf, Tip, Tür, Model vb.)</i> Sample Description (Type, Mark, Class, Model etc.)	2024-079246, hortum, hortum, 1.00, set
Numune Kabul Tarihi : Sample Receipt Date	18.03.2024
Deneylerin Yapıldığı Tarih : Date of Test	19.03.2024 / 01.04.2024
Uygulanan Standart Metot : Applied Standard/Method	Değerlendirme, TS EN ISO 5774/Plâstik hortumlar - Tekstil takviyeli - Basınçlı hava için - Özellikler
Raporun Sayfa Sayısı : Number of pages of the report	2
Deney Sonucu : Test Result	Yapılan Deneyler Yönüyle Uygundur
Açıklamalar : Remarks	İLK İNCELEME

Yukarıda tanımlanan numune için laboratuvarımızda yapılan muayene ve deneylerden elde edilen sonuçlar müteakip sayfalarda verilmiştir.
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Rules described in "LAB-D-PR-18 Decision Rule Procedure", which is published on TSE Web site have been applied to the test result for which Conformity Declaration is given in this test report.

	Tarih Date	Deney Sorumlusu Person in charge of test	Kontrol Eden Reviewer	Onaylayan Approved by
	01.04.2024	ABDULLAH ÖZCAN	GAMZE ÖZHAN	MEHTAP ŞAHİN

Bu rapor, hazırlayan laboratuvarın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve karekodsuz raporlar geçersizdir. Bu rapor, sadece deneyi yapılan numune için geçerlidir ve "Ürün Belgesi" yerine geçmez. This test report shall not be reproduced other than in full except with the written permission of the laboratory. Test reports without signature and seal are not valid. This test report represents only tested sample(s), and shall not be used as Product Certificate.

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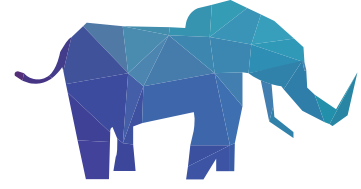
 DENEY LAB. MERKEZİ BAŞKANLIĞI ANKARA KİMYA LABORATUVARI
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04-24

MUAYENE - DENEY SONUÇLARI TEST RESULTS

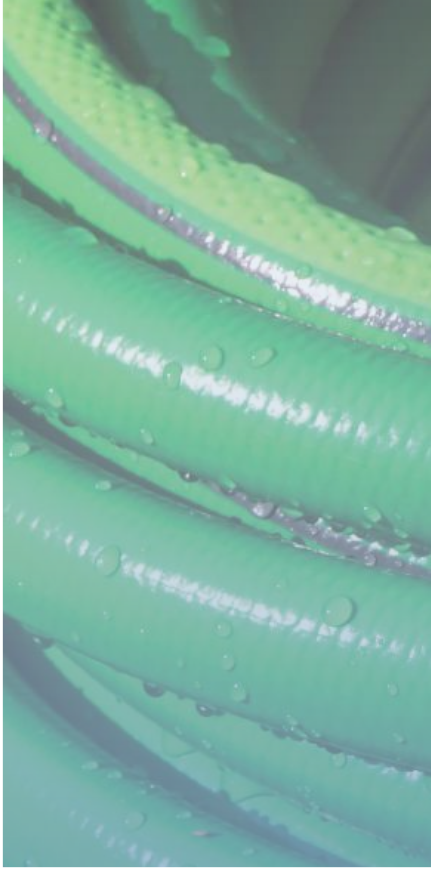
Özellikler	Standarda Göre İstenilen Değerler	Bulunan Sonuçlar ve Değerlendirme
3.2.3) Ksenon Ark Lambasına Maruz Bırakma Not 1 : 250 saat 60W/m ² ISO 30013	3.2.3) Madde 8.2.3'e uygun olmalıdır	3.2.3) U Çatlama ve renk değişimi gözlenmedi
U: Belirtilen şartlara uygun. Not 1: Süre ve şartlar inceleme tutanağındaki beyan esas alınarak teste tabi tutulmuştur. Bu rapor sadece deneyi yapılan numuneler için geçerlidir.		





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