SERCHAKER
COMMODITIES & TRADING

INTERNATIONAL TRADING

AGROFOOD • COMMODITIES • IMPORT & EXPORT

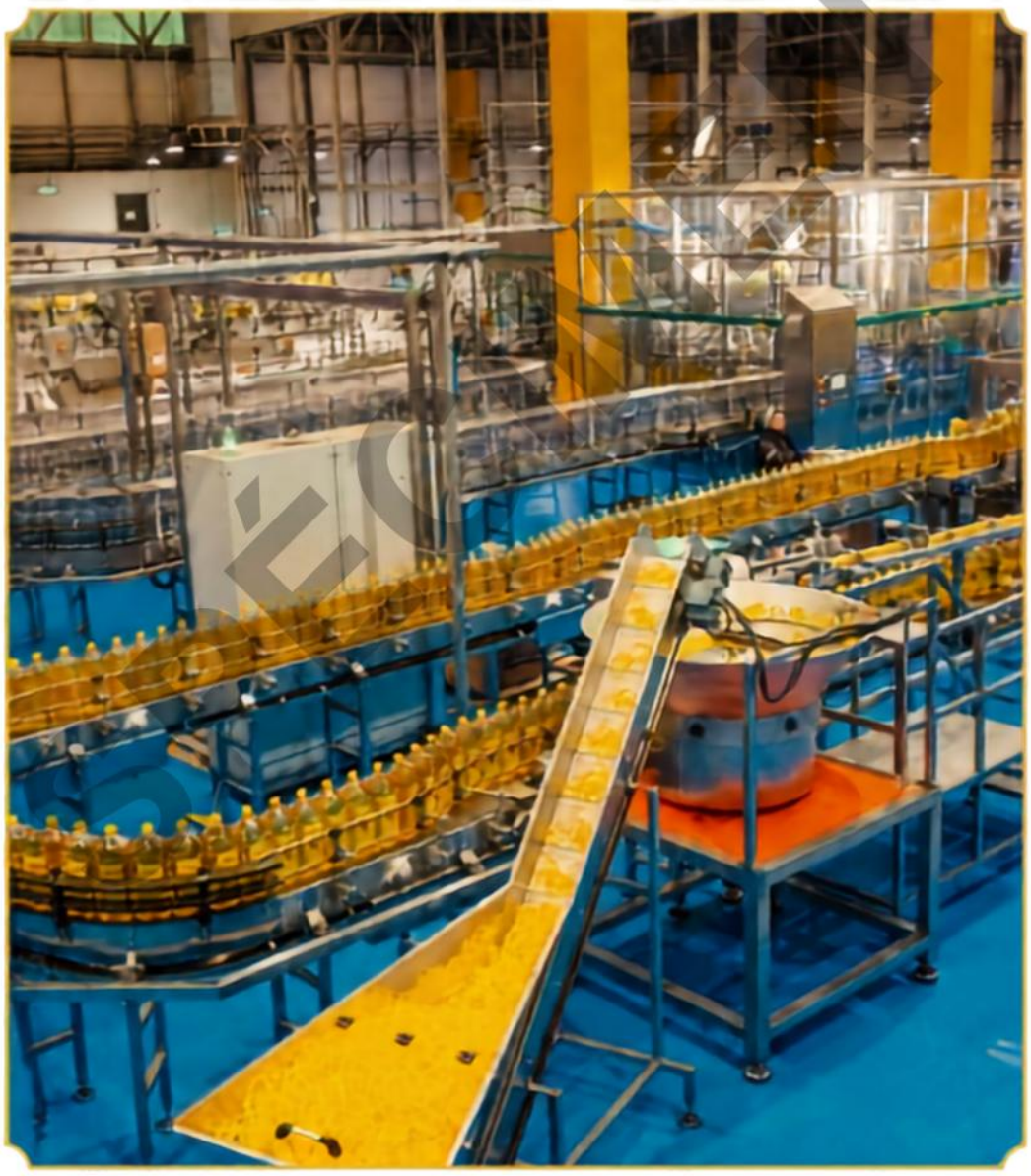
Coffee | Sunflower Oil | Cashew Nuts | Milk Powder



GLOBAL SOURCING • INTERNATIONAL SUPPLY • B2B TRADING

SERCHAKER
COMMODITIES & TRADING

Refined Sunflower Oil (RSO)
High-Oleic Sunflower Oil



PRODUCT CATALOG



CASHEW KERNELS

Edible cashew kernels with a clean, premium presentation.



Refined Sunflower Oil (RSO)

Refined sunflower oil for cooking and food applications.



High-Oleic Sunflower Oil

Sunflower oil selected for high-oleic applications.



Soybean Oil

Versatile refined oil for food use.



Soybean Seeds

Quality soybean seeds for agricultural and industrial supply.



Green Coffee Beans

Unroasted coffee beans prepared for roasting.



Arabica Coffee

Arabica coffee beans with a refined specialty-coffee presentation.



Robusta Coffee

Robusta coffee beans with a rich, full-bodied profile.

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HIGH-OLEIC SUNFLOWER OIL

A refined sunflower oil selected for professional food applications.

High-oleic sunflower oil is a refined vegetable oil valued for its versatility and suitability for a wide range of food applications. Our selection is presented with a focus on quality, consistency and reliable sourcing.

- Refined quality
- Versatile applications
- Reliable supply



SPECIMEN

SERCHAKER
COMMODITIES & TRADING

SOYBEAN OIL

A versatile vegetable oil for food preparation and professional applications.

Soybean oil is a versatile vegetable oil valued for its smooth character and broad range of food applications. Our product selection is presented with a focus on quality, consistency, and reliable sourcing.

- Versatile use
- Consistent quality
- Reliable sourcing



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Sunflower Oil



800 ml Sunflower Oil



850 ml Sunflower Oil



1 lt Sunflower Oil



2 lt Sunflower Oil

SPÉCIMEN

SERCHAKER
COMMODITIES & TRADING

Sunflower Oil

3 lt Sunflower Oil



5 lt Sunflower Oil



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					PALLETIZED LOADING			NON-PALLETIZED LOADING	
PRODUCT	PACKING	PACKING TYPE	SHELF LIFE	UNIT PER CARTON	NUMBER OF CARTONS PER PALLET	NUMBER OF PALLETS PER 40 DC CONTAINER	TOTAL CARTONS PER 40 DC CONTAINER	NUMBER OF CARTONS PER 20 DC CONTAINER	NUMBER OF CARTONS PER 40 DC CONTAINER
REFINED SUNFLOWER OIL	800 ML	PET BOTTLE	2 YEARS	12	80	24	1.920	1.600	2.650
	850 ML			12	80	24	1.920	1.600	2.500
	1 LT			12	80	24	1.920	1.380	2.150
	1 LT			16	60	24	1.440	1.125	1.600
	2 LT			8	60	24	1.440	1.000	1.600
	3 LT			6	50	24	1.200	945	1.500
	5 LT			4	48	24	1.152	1.000	1.350
	17 LT	TIN		-	45 TIN	24	1.152	-	1.550
	18 LT			-	45 TIN	24	1.152	-	1.450

SERCHAKER
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Sunflower Oil
18 Lt

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SERCHAKER
COMMODITIES & TRADING

CERTIFICATIONS & QUALITY STANDARDS

Committed to quality, compliance, and traceability.

Our certifications and quality standards reflect our commitment to reliable processes, responsible sourcing, and consistent product quality. This section presents the official certifications and standards applicable to our products and operations.



Quality assurance

Responsible sourcing

Product traceability

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SERCHAKER COMMODITIES & TRADING	**RAFİNE AYÇİÇEK YAĞI** ***REFINED SUNFLOWER OIL SPECIFICATION***	Doküman Kodu	ÜT.01
		Yayın Tarihi	30.03.2026
		Revizyon Tarihi	16.03.2026
		Revizyon No	4
		Sayfa No	1 / 3

ADRES ***Address***	AKTİMO DEMİR ÇELİK İNŞAAT SANAYİ VE TİCARET LİMİTED ŞİRKETİ LTD. ŞTİ. Camişerif mahallesi 5232 sok. Küçük saat arkası Güzeller işmerkezi Kat 1 no 3 MERSİN-TÜRKİYE		
ÜRÜN ADI ***Product Name***	RAFİNE AYÇİÇEK YAĞI *Refined Sunflower Oil*		
ÜRÜN KOMPOZİSYONU/ PRODUCT COMPOSITION	%100 RAFİNE BİTKİSEL AYÇİÇEK YAĞI/REFINED SUNFLOWER OIL		
HAM MADDE ORİJİNİ/ RAW MATERIAL ORIGIN	Bitkisel kökenli, yurt içi ve yurt dışı (Rusya, Ukrayna, Moldova, Bosna Hersek vb.) *Vegetable origin, domestic and foreign (Russia, Ukraine, Moldova, Bosnia and Herzegovina etc.)*		
HASSAS TÜKETİCİ GRUBU/ SENSITIVE CONSUMER GROUP	TÜM TÜKETİCİ GRUPLARI/ ALL CONSUMER GROUPS		
DUYUSAL ÖZELLİKLER *Sensory Requirements*	KENDİNE ÖZGÜ KOKU,TAT VE GÖRÜNÜMDE OLMALIDIR. / *Special Characteristics of its own, Taste neutral.* Odour, Clear		
ANALİZLER ***ANALYSIS (physical& chemical properties)***	**ANALİZLER** ***ANALYSIS***	**BİRİM** ***UNIT***	**STANDART** **STANDART**
	RENK / *Color*	5 ¼ Lovibond cell	0.5-1.5 Kırmızı *(Red)* 3-12 Sarı *(Yellow)*
	İYOT SAYISI/*Iodine value*	Wijs – Hanus g iyot/100g oil	94 – 141
	NEM ve UÇUCU MADDE/ Moisture and Volatile Matter	% (105 °C de)	Max. 0.2 (m/m)
	MİNERAL YAĞ /*Mineral oil)*	Negatif - Pozitif	Negatif
	SERBEST YAĞ ASİTLERİ (Oleik asit olarak) / *Free fatty acids (as oleic acid)*	% m / m	Max. 0.15
	ÇÖZÜNMEYEN SAFSIZLIKLAR / *Insoluble impurities*	% (m/m)	Max. 0.05
	SABUN MİKTARI /*Saop content*	% (m/m)	Max. 0.005
	SABUNLAŞMA SAYISI /*Saponification value*	(mg KOH/g oil)	188 – 194
	SABUNLAŞMAYAN MADDE / *Unsaponifiable matter*	g / kg	≤ 15
	MUMSU MADDE / Wax Turbidimetric methot	NTU	Max. 0.15
	BULUTLANMA TESTİ / Cold Test	0 °C Saat / *hours*	Berrak /Clear /Min 5.5
	BAĞIL YOĞUNLUK / *Density*	20 °C / 20 °C water	0.914 – 0.923
	KIRILMA İNDİSİ / *Refractive Index*	nD 40 °C de	1.461 – 1.471
	ASİT SAYISI / *Acid value*	(mg KOH/g oil)	Max. 0.3
	PEROKSİT SAYISI / *Peroxide value* DOLUMDA-*At filling*	meq O_2 / kg oil)	Max 2
	PEROKSİT SAYISI / *Peroxide value* (SON KULLANMA TARİHİNDE)(*At Expiry date)*	(meq O_2 / kg oil)	Max. 10
	Parlama Noktası/ *Flash Point***	°C	Min 121
	Mikrobiyolojik/microbiological	-	-
ASİT KOMPOZİSYONU *Acid Composition*	**YAĞ ASİTLERİ** ***FATTY ACIDS***	**KODU** ***CODE***	**KRİTERLERİ** ***LIMITS***
	KAPROİK ASİT /*Caproic acid*	C 6:0	TED/ND
	KAPRİLİK ASİT / *Caprylic acid*	C 8:0	TED/ND
	KAPRİK ASİT / *Capric acid*	C 10:0	TED/ND
	LAURİK ASİT / *Lauric acid*	C 12:0	Max 0.1
	MİRİSTİK ASİT /*Myristic acid*	C 14:0	Max 1.0
	PALMİTİK ASİT / *Palmitic acid*	C 16:0	4.0 – 7.6
	PALMİTOLEİK ASİT / *Palmitoleic acid*	C 16:1	Max 0.3
	MARGARİK ASİT / *Margaric acid*	C 17:0	Max 0.2

SPECIMEN

HAZIRLAYAN /PREPARED BY GG EKİP LİDERİ	KONTROL EDEN/CONTROL BY KALİTE VE AR-GE MÜDÜRÜ	ONAYLAYAN /APPROVED BY : GENEL MÜDÜR YARDIMCISI

SERCHAKER COMMODITIES & TRADING	**RAFİNE AYÇİÇEK YAĞI** ***REFINED SUNFLOWER OIL SPECIFICATION***	Doküman Kodu	ÜT.01
		Yayın Tarihi	30.03.202
		Revizyon Tarihi	16.03.2026
		Revizyon No	4
		Sayfa No	2/3

	HEPTADESENOİK ASİT / *Heptadecanoic acid*	C 17:1	Max 0.1
	STEARİK ASİT / *Stearic acid*	C 18:0	2.1 – 6.5
	OLEİK ASİT / *Oleic acid*	C 18:1	14.0 – 71.8
	LİNOLEİK ASİT / *Linoleic acid*	C 18:2	18.7 – 74.0
	LİNOLENİK ASİT / *Linolenic acid*	C 18:3	Max 0.5
	ARAŞİDİK ASİT / *Arachidic acid*	C 20:0	0.1 – 0.5
	EİKOSENOİK ASİT / *Gadoleic acid*	C 20:1	Max 0.3
	EİKOSADİENOİK ASİT /*Eicosadienoic acid*	C 20:2	TED/ND
	BEHENİK ASİT / *Behenic acid*	C 22:0	0.3 – 1.5
	DOKOSENOİK ASİT / *Erusic acid*	C 22:1	Max 0.3
	DOKOSADİENOİK ASİT / *Docosadienoic acid*	C 22:2	Max 0.3
	LİGNOSERİK ASİT / *Lignoceric acid*	C 24:0	Max 0.5
	NERVONİK ASİT /*Nervonic acid*	C 24:1	TED/ND

	% TOPLAM STEROL ***TOTAL STEROL***	**DEĞER** ***VALUE***
STEROL KOMPOZİSYONU ***Sterol Composition***	KOLESTEROL / *Cholesterol*	Max 0.7
	BRASSİKASTEROL / *Brassikasterol*	Max 0.2
	KAMPESTEROL / *Coprostanol*	6.5-13.0
	STİGMASTEROL / *Stigmasterol*	6.0-13.0
	BETA-SİOSTEROL /*Beta-Sitosterol*	50-70
	DELTA-5-AVENASTEROL /*Delta-5-Avenasterol*	Max 6.9
	DELTA-7-STİGMASTENOL /*Delta-7-Stigmastenol*	6.5-24.0
	DELTA-7-AVENASTEROL / *Delta-7-Avenasterol*	3.0-7.5
	TOPLAM STEROL (mg/kg) / *Total Sterol*	2400-5000

	POLİSİKLİK AROMATİK HİDROKARBONLAR / *PAH*	**BİRİM / *UNIT***	**MAX. LİMİT**
BULAŞANLAR ***Contaminants***	DİOKSİNLERİN TOPLAMI (WHO/PCDD/F-TEQ)** / *Total dioxines*	pg/g yağ	Max. 0.75
	DİOKSİNLER VE DİOKSİN BENZERİ PCB** 'LERİN TOPLAMI (WHO/PCDD/F-PCB-TEQ) / *Total dioxines subs.*	pg/g yağ	Max. 1.25
	PCB 28, PCB 52, PCB 101, PCB 138, PCB 153,** VE PCB 180 (ICES-6) TOPLAMI / *Total PCB*	ng/g yağ	Max. 40
	BENZO(A)PİREN / *Benzopyrane***	µg/kg	Max. 2.0
	BENZO(A)PİREN, BENZO(A)ANTHRASEN, BENZO(B)FLORANTHEN VE KRİSEN TOPLAMI / Sum of Benzo(α)pyrene, Benz(α)anthacene, Benzo(b)fluranthene, Chrysene".	µg/kg	Max. 10.0
	3-MCPD**	mg/kg	Max 1,25
	Glisidil Yağ Asidi Esterleri (glisidol olarak) GE **	mg/kg	Max 1
	ERUSİK ASİT / *Erusic acid***	%	Max. 5
	KURŞUN (Pb) / *Lead***	mg/kg	Max. 0.1
	Demir (Fe) /*Iron***	mg/kg	Max. 1.5
	Arsenik(As) /*Arsenic***	mg/kg	Max. 0.1
	Bakır (Cu)/ *Copper***	mg/kg	Max. 0.1

ÜRETİM METODU ***Production Method***	Ham ayçiçek yağından vinterize ve rafine edilerek elde edilen yağdır. *It is the oil obtained from crude sunflower oil by winterizing and refining.*

HAZIRLAYAN /PREPARED BY **GG EKİP LİDERİ**	**KONTROL EDEN/CONTROL BY** **KALİTE VE AR-GE MÜDÜRÜ**	**ONAYLAYAN /APPROVED BY :** **GENEL MÜDÜR YARDIMCISI**

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SERCHAKER COMMODITIES & TRADING	**RAFİNE AYÇİÇEK YAĞI** ***REFINED SUNFLOWER OIL SPECIFICATION***	Doküman Kodu	ÜT.01
		Yayın Tarihi	30.03.2026
		Revizyon Tarihi	16.03.2026
		Revizyon No	4
		Sayfa No	3/3

ETİKET BİLGİLERİ ***Label Information***	FİRMA ADI, FİRMA ADRESİ, ÜRETİCİ FİRMA ADI, ADRESİ, ÜRÜN BİLGİSİ (TİP, CİNS, TÜR). NET AĞIRLIK, İŞLETME KAYIT NO, ÜRETİM TARİHİ, TETT, PARTİ NO HER PARTİYE AİT ANALİZ SERTİFİKASI SEVKIYAT İLE BİRLİKTE MÜŞTERİYE GÖNDERİLİR./ *Company name and address, product information, net weight, company registration number are placed on packaging materials.Product analysis certificate is sent to customers during shippment.*
ÇEVRE BİLGİSİ ***ENVIRONMENTAL INFORMATION***	Atık bitkisel yağları lavaboya veya su ve toprak gibi emici ortamlara atmayın. *Do not dispose of waste vegetable oils in the lavatory or in absorbing media such as water and soil.*
AMBALAJLAMA ve TESLİMAT YÖNTEMİ ***Packaging and Delivery***	TAŞIMA VE MUHAFAZA SÜRESİNCE RAFİNE AYÇİÇEK YAĞININ ÖZELLİKLERİNİ KORUYABİLECEK NİTELİKTE HAVA VE KOKU GEÇİRMEYEN, PET AMBALAJLARDA VEYA TENEKE ESASLI DIŞI LAKLI TENEKE AMBALAJLARDA AMBALAJLAMA YAPILMALIDIR. İÇ AMBALAJLAR KARTON KOLİ İÇERİSİNE KONULMALIDIR. / *Our products are packaged with PET and tin materials to protect sunflower oil propeties along shippment and storage.* **AMBALAJLAR / *packages*;** PET AMBALAJ/ *PET bottles*: packaging is made according to customer demand. TENEKE KUTULAR / *Tin cans*: packaging is made according to customer demand. TESLİMAT, NAKLİYE ARAÇLARI VE KONTEYNER İLE YAPILMALIDIR./ *Delivery is shipped with trucks and containers* Flex tank,barrel
DEPOLAMA VE DAĞITIM ŞARTLARI ***Storage and distribution Conditions***	GÜNEŞ IŞIĞINDAN UZAK, SERİN, KURU VE ODA SICAKLIĞINDA DEPOLANMALIDIR. / *Keep cool and dry. Avoid direct sunlight.* ÖZEL BİR DAĞITIM KOŞULU GEREKTİRMEZ/ *It does not require a special distribution condition*
RAF ÖMRÜ* ***Shelf Life***	Max 2 yıl / *2 years max*
KULLANIM ÖNCESİ HAZIRLIK ***Pretreatment before using***	Doğrudan Tüketim/ Direct Consumption
AMAÇLANAN KULLANIM ŞEKLİ ***Consumption type***	YEMEKLİK / *EDIBLE*
ALERJEN VE GMO ÖZELLİK ***Allergens and GMO***	ALERJEN ve GDO İÇERMEMEKTEDİR. / *Not included allergens and gmo.*
GIDA GÜVENLİĞİ İLE İLİŞKİLİ KABUL KRİTERİ ***Food safety***	ANALİZİ YAPILIR VE SERTİFİKALANDIRILIR. / *Certified after analyzed*
İLGİLİ YÖNETMELİKLER/ RELATED REGULATIONS	TGK Bitki Adı ile Anılan Yağlar Tebliği, TGK Bulaşanlar Yönetmeliği, Türk Gıda Kodeksi Etiketleme Yönetmeliği ,TGK Gıda Katkı Maddeleri Yönetmeliği, TGK pestisitlerin maksimum kalıntı limitleri yönetmeliği
KALİTE BELGELERİ/ QUALITY CERTIFICATES	ISO 9001:2015,ISO 22000:2018, BRC V.8, HELAL, OU KOSHER,TÜRK STANDARDLARINA UYGUNLUK BELGESİ,ISO 27001:2013

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"*" Uygun depolama şartlarında/Under proper storage conditions /dökmeler için bir yıl/one year for bulk (Flex tank, barrel vb.)
Müşteri talebine göre A,D vitamini, Antioksidan, köpük önleyici yasal limit ve müşteri limitlerine göre ilave edilebilmektedir/
According to customer demand, A, Vitamin D, Antioxidant, Antifoam can be added according to legal limit and customer limits.
**yılda bir dış laboratuvara gönderilir./ **sent to an external laboratory once a year.

SERCHAKER
COMMODITIES & TRADING

QUALITY

Our factory has a high-tech laboratory. Our quality certificates are:



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COMMODITIES & TRADING

CASHEW KERNELS

WHOLE GRADES

SPÉCIMEN

Carefully selected cashew kernels, presented in whole grades for professional food and ingredient applications.

AVAILABLE SIZES

W180	W210	W240	W320	W450
Jumbo Wholes	Large Wholes	Standard Wholes	Small Wholes	Baby Wholes
Approx. 180 nuts/lb	Approx. 210 nuts/lb	Approx. 240 nuts/lb	Approx. 320 nuts/lb	Approx. 450 nuts/lb



Whole grades shown in the reference images



SERCHAKER
COMMODITIES & TRADING

SOYBEAN SEEDS

Carefully selected soybean seeds for reliable agricultural and industrial supply.

Soybean seeds are a versatile agricultural commodity, valued for their nutritional, industrial, and commercial applications. Our selection is presented with a focus on quality, consistency, and professional sourcing.

- **Quality selection**
- **Consistent supply**
- **Multiple applications**

SPÉCIMEN



SERCHAKER
COMMODITIES & TRADING

SOYBEAN SEEDS

Carefully selected soybean seeds for reliable agricultural and industrial supply.

Soybean seeds are a versatile agricultural commodity, valued for their nutritional, industrial, and commercial applications. Our selection is presented with a focus on quality, consistency, and professional sourcing.

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COMMODITIES & TRADING

MILK POWDER

BULK SUPPLY

Milk powder available in bulk
for professional buyers.



SPÉCIMEN

Our milk powder is sourced from quality milk and carefully processed to retain its natural goodness. Ideal for a wide range of food and beverage applications. our product meets the needs of manufacturing and industrial use.

QUALITY SELECTION

RELIABLE SUPPLY

B2B QUANTITIES

PACKAGING

ORIGIN

SPECIFICATIONS

CONTACT

SERCHAKER
— COMMODITIES & TRADING —

THANK YOU

Thank you for your interest in
our products and services.

We look forward to building reliable and
lasting business partnerships.

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