Goldman Sachs
95% Protected FTSE Issuer Callable Growth Note
September 2019 GBP Factsheet

Investment Description

A 7 year investment linked to the performance of the FTSE 100.

This Product offers enhanced growth participation linked to the performance of the FTSE 100 at maturity if the Issuing bank has not called the Product early on any of the quarterly Callable Observation dates starting from 12 months.

If the Issuer does opt to redeem the Product early, the client will receive their capital back plus the relevant accumulated Coupon Rate for each quarter that has elapsed since Strike Date and the investment will end. For example, if the Product is called by the Issuer at 12 months and the coupon rate is 1.25% per quarter, the client will receive 100% capital back plus a 5.00% coupon.

If the Product is not redeemed early then at the Final Observation date, if the Underlying index is above its Strike Level the client will receive 95% of their capital back plus the growth of the Underlying, starting at the Strike Level, multiplied by the Participation Rate. For example, if the Underlying is 20% above its Strike Level and the Participation Rate is 175% the client will receive 95% capital back plus a 35% growth coupon.

If the Underlying is below its strike level then 95% capital is returned.

Benefits

- Opportunity for enhanced growth if the Underlying shows gains above the Strike Level.
- Snowballing Coupon Rate if the Product is called by the Issuer. The investor receives the Coupon Rate for each quarter that has elapsed if called.
- Callable feature potentially shortens the investment term.
- Early maturity provides an opportunity to re-assess client's wealth strategy.
- Daily pricing under normal market conditions.

Risks

- The return is limited to the pre-defined investment terms.
- The growth payments are conditional upon the Underlying performance.
- Investors will be exposed to the credit risk of the Issuer. If the Issuer becomes insolvent or cannot make the payments on the Product for any other reason, investors could lose some or all of their investment. A decline in the Issuers credit quality is likely to reduce the market value of the Product and therefore the price an investor may receive for the Product if they were to sell them in the market.
- Should investors need to sell their investment before maturity, the trading price will likely mean they get back less than they invested.

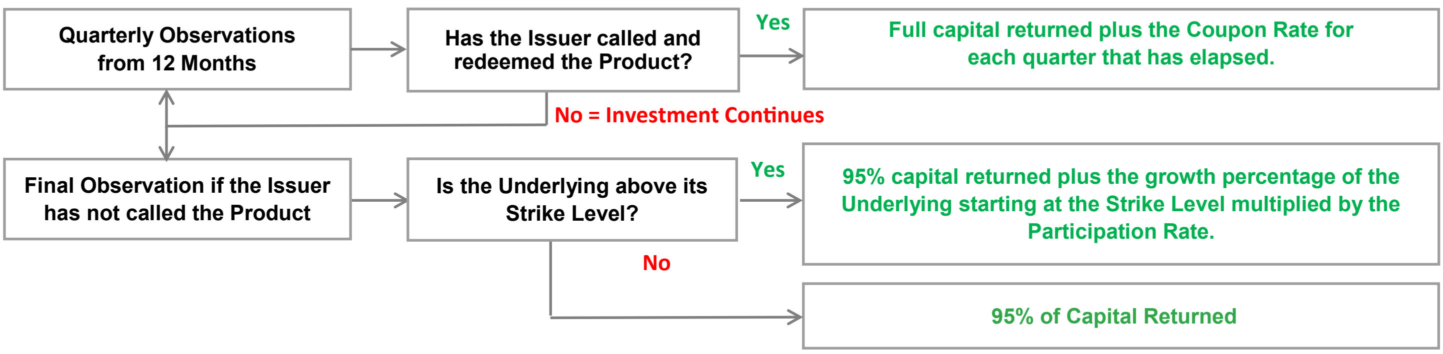
Product Facts & Features

Issuer:	Goldman Sachs Finance Corp International Ltd
Guarantor:	The Goldman Sachs Group, Inc.,
Credit Ratings:	Fitch A, Moody's A3, S&P BBB+ **Source**: Bloomberg 29.07.2019
Maximum Term:	7 years
Investment Structure:	95% Capital Protected Issuer Callable Growth Note
Participation Rate:	GBP = 175%
Strike Level:	95% of the closing level on the Strike Date
Callable Observations:	Quarterly (First Observation at 12 months)
Coupon Rate:	GBP = 1.25% Quarterly (5.00% p.a.)
Capital Risk:	Max 5% capital at risk
Capital Protection:	95% Capital Protected
Underlying	**Bloomberg Code**
UK: FTSE 100	UKX Index

Key Information

Subscription Period:	29 July 2019 – 4 September 2019 (4.30pm UK Time)
Issue Price:	100%
Strike Date:	5 September 2019
Issue Date:	12 September 2019
1st Callable Observation:	7 September 2020
Final Observation:	7 September 2026
Maturity Date:	14 September 2026
Denominations:	1,000 then lots of 1,000
ISIN:	GBP = XS2011056848

How The Investment Works



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The Underlying

The **FTSE 100 Index** (UKX) is a capitalization-weighted index of the most highly capitalized companies traded on the London Stock Exchange. The equities use an investibility weighting in the index calculation. The index was developed with a base level of 1000 as of December 30, 1983.

Source: Bloomberg 29.07.2019

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Goldman Sachs Finance Corp International Ltd provides investment bank services.

Source: Bloomberg 29.07.2019

Rationale

Structured products are becoming increasingly popular for investors due to the wide variety of payoffs and levels of protection that can be achieved by the different types of structures that are available.

The opportunity for a high level of Capital Protection and enhanced growth is key to this investment. The investment is linked to one of the best-known and developed indices in the world and investors will benefit from geared growth in the Index unless the Issuer "calls" the investment early, in which case investors will be paid a very competitive Coupon Rate - considerably better than current cash rates. The enhanced participation is designed to more than make up for the loss of dividends a direct investor into the Index would benefit from, and although the returns are effectively capped, because the product is very unlikely to deliver more than the 5.00% per annum the cap is at a high level relative to current interest rates.

The callable feature can bring an early return of capital, allowing the opportunity for a re-assessment of investment strategy.

With the 95% capital protection the client won't lose more than 5% on their investment.

Suitability

This product may be suitable for investors who:

- Are seeking the opportunity for higher returns than current cash rates at the time this product was launched.
- Are seeking growth rather than income.
- Understand and accept how the Capital Protection works.
- Understand the impact of global economic issues and how they will affect the product.
- Understand the criteria which will determine the growth payment.
- Are looking to invest for the medium to long term, being happy to remain invested until maturity.
- Can afford to have their cash invested for the full term of the Product.
- Wish to use this investment as part of a well-diversified portfolio.
- Understand that the returns are pre-defined and that they will forgo any growth in the Underlying which exceeds the fixed level available with this investment product.
- Understand the risk to capital in the event of a counterparty default.
- Should they need to sell their investment, accept that the trading price will likely mean they get back less than they invested.

Secondary Market

The Issuing bank will endeavour to provide quotes under normal market conditions for trading purposes upon request, subject to a Bid-Offer spread of 1%. On the secondary market, traded prices will include any accrued interest ("dirty prices").

Sale trades will settle 2 days after the trade date.

Trade orders should be sent to orders@idad.com

All trades will be settled direct with IDAD's Euroclear a/c 44382.

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Movement in the Underlying over the last 20 years

Source: Bloomberg 29.07.2019, Data period: 01.07.1999 to 01.07.2019

The Issuer Callable Feature

The callable feature allows the Issuing bank the ability to redeem the Product early on any observation date.

The main reason this may happen is because the Issuer believes the enhanced growth participation that could be paid out at maturity may be higher than the coupons that have accumulated so far. It works in a very similar way to having a cap on the maximum payout.

For example, if after 4 years the Underlying has grown by 25% and seems set to continue growing, the Issuing bank may feel that they will be better off redeeming the Product and paying 4 years of accumulated coupons rather than potentially paying more at a later date or final maturity.

Although this feature allows the Issuing bank to avoid paying very high returns, the coupon level is set at a rate that is very attractive to investors, relative to the risk being taken with capital.

20 Year Back-Testing

Back-testing shows how the investment would have performed historically using data from previous potential strike dates and observations. Although past performance is not an indication of future performance, it can give a factual insight into how the investment would have performed historically.

This 20 year back-test shows the historical data for a full 13 years of 7 year products that could reach the full term.

3,254 scenarios were tested, the table below shows the historical growth over 7 years below.

On each scenario, the strike level is taken and then the level of the index 7 years on is used to calculate the growth percentage.

As you can see, the Underlying has shown growth above the 95% Strike Level 90.44% of the time.

Growth at Maturity	Amount of Times	% of Total Tested
Above 50%	115	3.53%
Between 40% & 50%	244	7.50%
Between 30% & 40%	605	18.59%
Between 20% & 30%	486	14.94%
Between 10% & 20%	476	14.63%
Between 0% & 10%	811	24.92%
Between 0% & -5%	206	6.33%
Growth above Strike Level -Sub Total		**90.44%**
Between -5% & -20%	236	7.25%
Between -20% & -30%	70	2.15%
Between -30% & -40%	5	0.15%
Total Tested	3,254	100.00%

Past performance is not a reliable indicator of future performance and should not be used to assess the future returns or risks

Source: Bloomberg 29.07.2019, Data period: 01.07.1999 to 01.07.2019 - Assumptions shown are net of any initial fees or costs and describe the potential historic return that a client would have received based on the terms of this Product.

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Fees of up to 0.93% p.a. for the maximum term of the investment may be paid by the Issuer to cover marketing, distribution and advice costs. The fees have been fully accounted for in the calculation of the Product’s structure. For example, this means that an investment of £10,000 will have any income/growth payments and capital protection based on the full £10,000.

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