



Even the best cable in the world needs a SKINTOP® to protect it.

SKINTOP®: Innovation and Reliability

Imagine a cable being installed in a factory...

...whether it be a motor, a control cabinet or a junction box, all of these devices are equipped with pre-drilled holes through which this cable must be fed and connected.

Without cable glands:

- × dirt, dust and water can get inside, which can potentially damage devices,
- × the cable may be damaged by the sharp edges of the hole, resulting in cable failure,
- × the cable may be unplugged accidentally, resulting in a power or data failure that may affect the operation of the connected device.

Advantages of cable glands:

- ✓ Sealed against moisture and dirt
- ✓ Cable is securely fixed and centred
- ✓ Vibration isolation and strain relief
- ✓ Protection against excessive strain on the cable sheath



Learn more about cable glands:
www.lapp.com/en/de/c/113980



SKINTOP® cable glands are the key product in the industry.

The extensive SKINTOP® portfolio offers a customised solution for every requirement thanks to the wide range of variants and comprehensive accessories.

Advantages of SKINTOP®

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Secure connection
Cables are fixed, centred and hermetically sealed.
- 

High reliability
even in harsh environments
- 

Maximum sealing
against environmental contaminants such as dust, dirt and moisture.
- 

High durability
Oil resistant, UV resistant, ozone resistant
- 

Optimum strain relief
thanks to the internal clamping mechanism, which secures and centres the cable and prevents it from being pulled out - even during heavy movement in the application.
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Wide range of certifications
UL/UR, CSA, VDE, DNV, ATEX, ECOLAB, EHEDG, etc.
- 

Durable vibration protection
Extensively tested for the toughest applications
- 

High protection rating
IP66, IP68, IP69
- 

Quick and easy installation
Insert the cable, twist, and you are done!
- 

Wide range of accessories
z. E.G. SKINTOP® BRUSH ADD-ON
- 

RoHS / REACH compliant

SKINTOP® Single entry

Product	Article number	Application area
SKINTOP® The Original		
 SKINTOP® ST-M	53111000	For sealing and strain relieving cable insertion into a housing. Material that is highly resistant to oil for harsh industrial environments. The SKINTOP® ST(R) M ISO variants are particularly suitable for thick-walled housings thanks to their particularly long connection thread. Black versions are suitable for outdoor use.
 SKINTOP® MS-M	53112000	For sealing and strain relieving cable insertion into a housing. Withstands high chemical and mechanical loads. Suitable for outdoor use, subject to the temperature range.
 SKINTOP® BS-M	53017610	Cables for electrical appliances and machinery that are moved under normal use must be protected against excessive bending as required in accordance with VDE 0700-1. Handheld device, Robotics industry, Light and sound applications, Moving machine parts.
SKINTOP® CLICK System		
 SKINTOP® CLICK	53112692	Solar applications. Control cabinet manufacturing. Measurement, control and electrical applications, Air-conditioning technology, Automation technology

Product	Article number	Application area
SKINTOP® EMC		
	SKINTOP® MS-SC-M 53112610	For EMC-compliant insertion of copper-screened cables. For use in control systems, motors and frequency converters. The SKINTOP® MS-SC-M-XL version is particularly suitable for thick-walled housings thanks to the exceptionally long connection thread. Withstands high chemical and mechanical loads. Suitable for outdoor use, subject to the temperature range
	SKINTOP® MS-M BRUSH 53112507	
	SKINTOP® BRUSH ADD ON 54110839	
SKINTOP® COLD		
	SKINTOP® COLD 53113500	In areas where mechanical stability and high cold-resistance are critical. Air-conditioning technology, Plant engineering, Freezing plants, cold storage and Offshore sector.
SKINTOP® INOX		
	SKINTOP® INOX 53806739	For sealing and strain relieving cable insertion into a housing. For use in offshore applications involving contact with seawater. Wherever excellent resistance to a wide range of chemical substances is required. Also suitable for use in the food industry, where the product needs to be installed in the spray zone or in the indirect food production environment (product-free zone). Withstands high mechanical stress.
SKINTOP® HYGIENIC		
	SKINTOP® HYGIENIC 53105100	For sealing and strain relieving cable insertion into a housing. Especially for hygiene-critical areas of the food industry, where the product needs to be installed in the product zone or in the direct food production environment. Also suitable for use in hygiene-critical areas of the pharmaceutical and chemical industry. Withstands high chemical and mechanical loads.
SKINTOP® HALOGENFREE		
	SKINTOP® ST-HF-M 53111407	For sealing and strain relieving cable insertion into a housing. Can be used in dry and damp environments. Black versions are suitable for outdoor use
	SKINTOP® MS-HF-M 53112570	For sealing and strain relieving cable insertion into a housing. In areas where mechanical and chemical stability are critical. Withstands high chemical and mechanical loads. When the protection of people and property is a priority. Compliant with standards for use in rail vehicles, Underground railways and trains
	SKINTOP® MS-HF-M SC 53112530	For EMC-compliant earthing of the copper braiding. Underground railways and trains, Industrial machinery and plant engineering. Measurement and control technology, Automation technology.
	SKINTOP® MS-HF-M BRUSH 53112543	Underground railways and trains. For EMC-compliant insertion of copper-screened cables. For use in control systems, motors and frequency converters and Automation systems. Withstands high chemical and mechanical loads. High-power drives. Compliant with standards for use in rail vehicles. Frequency converters. Conveyor and transport systems
SKINTOP® SOLAR		
	SKINTOP® SOLAR 53113300	Photovoltaic plants

Product	Article number	Application area
SKINTOP® ATEX System		
 SKINTOP® K-M ATEX	54115200	Devices, machines and apparatus of enhanced safety protection type, dust ignition proof. Equipment group II / Category 2G+1D. For mobile applications in offshore and marine industries. Chemical and petrochemical industry.
 SKINTOP® MS-M ATEX	53112700	
SKINTOP® Accessories		
 SKINTOP® DIX-M	53316220	For use with metric SKINTOP®/SKINTOP® CLICK cable glands. Suitable for outdoor use.
 SKINTOP® GMP-GL-M	53119000	For locking a SKINTOP® /SKINDICHT® cable gland on the inside of the application (e.g. housing). For thin-walled housings without a thread, which only allow one through-hole. Good oil and chemical resistance.

SKINTOP® Multi-entry systems



In addition to single entry systems, the SKINTOP® portfolio also includes **multi-entry systems** such as **SKINTOP® CUBE, MULTI** and **MULTI-M**.

This product series offers:

- Up to 30 insertion points in a small space
- Large clamping areas due to gel technology
- High protection rating (IP68)

Product	Article number	Application area
SKINTOP® CUBE and MULTI System		
 SKINTOP® CUBE	52220004	For sealing and strain relieving multi-entry of assembled and unassembled cables through a housing. For use with the SKINTOP® CUBE FRAME fixed frame. Can be used in dry, damp and oily environments. Suitable for outdoor use.
 SKINTOP® MULTI	52220065	For sealing and strain relief of multi-entry of unassembled cables and media hoses through a housing. Compliant with standards for use in rail vehicles (fire behaviour test according to DIN EN 45545, hazard levels HL1 and HL2). Can be used in dry, damp and oily environments. Suitable for outdoor use.
 SKINTOP® MULTI-M	52220110	For sealing and strain relieving multi-entry of unassembled cables through a housing. Can be used in dry, damp and oily environments. Suitable for outdoor use.

Why is LAPP the ideal partner for your project?

LAPP

- can offer an attractive, compatible system as a manufacturer of cables and accessories.
- offers security: quality control through in-house production, SKINTOP® means reliability and experience since 1978.
- understands the challenges of component interaction in mechanical and plant engineering.
- offers laboratory and test centre services (e.g. resistance tests, functional tests).
- is a global partner - with all services available worldwide.

Follow LAPP on:



Find our Sales Conditions under:
www.lapp.com/en/de/e/000010

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