

Cable glands**Counter nuts for cable glands****Blind plugs****Reducers and enlargers for Cable glands****Cable glands Ex ATEX LAPP****Cable glands LAPPGROUP****Cable glands with short thread, PG, Gas and metric**

Material nickel plated brass. IP54

Number	Size	Cable diameter
7748000	PG 7	6-8 mm.
7748015	PG 9	8-10 mm.
7748030	PG 11	10-12 mm.
7748045	PG 13.5	12-14 mm.
7748060	PG 16	14-16 mm.
7748081	PG 21	19-21 mm.
7748093	PG 29	26-28 mm.
7748108	PG 36	33-35 mm.
7748118	PG 42	39-41 mm.
7748130	PG 48	43-45 mm.



Number	Size	Cable diameter
7748139	1/4"G	6-8 mm.
7748148	3/8"G	8-10 mm.
7748158	1/2"G	12-14 mm.
7748167	5/8"G	14-16 mm.
7748176	3/4"G	16-18 mm.
7748185	1"G	21-23 mm.
7748194	1 1/4"G	28-30 mm.
7748203	1 1/2"G	33-35 mm.
7748212	1 3/4"G	39-41 mm.
7748221	2"G	45-48 mm.
7748230	2 1/2"G	52-55 mm.



Number	Size	Cable diameter
77M47999	M12x1,5	5-7 mm.
77M48000	M16x1,5	6-8 mm.
77M48015	M20x1,5	8-10 mm.
77M48030	M20x1,5	10-12 mm.
77M48045	M20x1,5	12-14 mm.
77M48060	M25x1,5	15-17 mm.
77M48093	M32x1,5	24-26 mm.
77M48108	M40x1,5	33-35 mm.
77M48130	M50x1,5	41-43 mm.
77M48221	M63x1,5	45-47 mm.

**Blind plug PG**

Material nickel plated brass

Number	Size
7748009	PG 7
7748024	PG 9
7748039	PG 11
7748054	PG 13.5
7748069	PG 16
7748089	PG 21
7748102	PG 29
7748113	PG 36
7748125	PG 42
7748134	PG 48

Blind plug Metric

Material nickel plated brass

Number	Size
77M48009	M12x1,5
77M48024	M16x1,5
77M48039	M20x1,5
77M48054	M25x1,5
77M48069	M32x1,5
77M48089	M40x1,5
77M48102	M50x1,5
77M48113	M63x1,5

Counter nuts

Material nickel plated brass

Number	Size
7748006	PG 7
7748021	PG 9
7748036	PG 11
7748051	PG 13.5
7748066	PG 16
7748087	PG 21
7748099	PG 29
7748112	PG 36
7748124	PG 42
7748135	PG 48

Number	Size
7748145	1/4"G
7748155	3/8"G
7748164	1/2"G
7748173	5/8"G
7748182	3/4"G
7748191	1"G
7748200	1 1/4"G
7748209	1 1/2"G
7748218	1 3/4"G
7748227	2"G
7748236	2 1/2"G

Number	Size
77M48006	M12x1,5
77M48021	M16x1,5
77M48036	M20x1,5
77M48051	M25x1,5
77M48066	M32x1,5
77M48087	M40x1,5
77M48099	M50x1,5
77M48112	M63x1,5

Blind plug BSP (G)

Material nickel plated brass

Number	Size
77G48009	3/8"G
77G48024	1/2"G
77G48039	3/4"G
77G48054	1"G



Cable glands with long thread, PG, Gas and Metric thread

Material nickel plated brass. IP54

Number	Size	Cable diameter
7748003	PG 7	6-8 mm.
7748018	PG 9	8-10 mm.
7748033	PG 11	10-12 mm.
7748048	PG 13.5	12-14 mm.
7748063	PG 16	14-16 mm.
7748084	PG 21	19-21 mm.
7748096	PG 29	26-28 mm.
7748110	PG 36	33-35 mm.
7748121	PG 42	39-41 mm.
7748133	PG 48	43-45 mm.



Number	Size	Cable diameter
7748142	1/4"G	6-8 mm.
7748152	3/8"G	8-10 mm.
7748161	1/2"G	12-14 mm.
7748170	5/8"G	14-16 mm.
7748179	3/4"G	16-18 mm.
7748188	1"G	21-23 mm.
7748197	1 1/4"G	28-30 mm.
7748206	1 1/2"G	33-35 mm.
7748215	1 3/4"G	39-41 mm.
7748224	2"G	45-48 mm.
7748233	2 1/2"G	52-55 mm.



Number	Size	Cable diameter
77M48002	M12x1,5	5-7 mm.
77M48003	M16x1,5	6-8 mm.
77M48018	M20x1,5	8-10 mm.
77M48033	M20x1,5	10-12 mm.
77M48048	M20x1,5	12-14 mm.
77M48063	M25x1,5	15-17 mm.
77M48096	M32x1,5	24-26 mm.
77M48110	M40x1,5	33-35 mm.
77M48121	M50x1,5	41-43 mm.
77M48224	M63x1,5	45-47 mm.



Enlarger

Material nickel plated brass.

Number	Size
7748260	PG 9 - PG 11
7748263	PG 11 - PG 13.5
7748266	PG 11 - PG 16
7748269	PG 13.5 - PG 16
7748272	PG 13.5 - PG 21
7748275	PG 16 - PG 21
7748276	PG 21 - PG 29
7748278	PG 29 - PG 36



Number	Size
77M48260	M12 - M16
77M48263	M16 - M20
77M48266	M20 - M25
77M48269	M25 - M32
77M48272	M32 - M40
77M48275	M40 - M50
77M48276	M50 - M63



Reducer

Material nickel plated brass

Number	Size
7748238	PG 9 - PG 7
7748239	PG 11 - PG 9
7748242	PG 13.5 - PG 11
7748244	PG 16 - PG 9
7748245	PG 16 - PG 11
7748248	PG 16 - PG 13.5
7748251	PG 21 - PG 13.5
7748254	PG 21 - PG 16
7748257	PG 29 - PG 21
7748259	PG 36 - PG 29



Number	Size
77M48238	M16 - M12
77M48239	M20 - M12
77M48242	M20 - M16
77M48244	M25 - M16
77M48245	M25 - M20
77M48248	M32 - M20
77M48251	M32 - M25
77M48254	M40 - M25
77M48257	M40 - M32
77M48259	M50 - M32
77M48260	M50 - M40
77M48263	M63 - M40
77M48265	M63 - M50



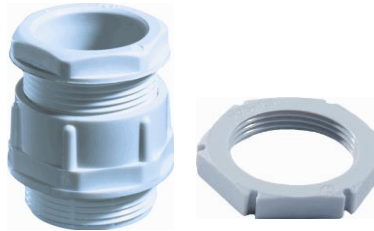
Cable gland IP55

Material PVC, color grey

Number	Size	Cable dimension
7748012	PG 7	6-8 mm.
7748027	PG 9	8-10 mm.
7748042	PG 11	10-12 mm.
7748057	PG 13.5	12-14 mm.
7748075	PG 16	14-16 mm.
7748090	PG 21	19-21 mm.
7748105	PG 29	26-28 mm.
7748115	PG 36	33-35 mm.
7748127	PG 42	39-41 mm.
7748136	PG 48	43-45 mm.



Number	Size	Cable dimension
77P48012	M12x1,5	5-7 mm.
77P48027	M16x1,5	6-8 mm.
77P48042	M20x1,5	12-14 mm.
77P48057	M25x1,5	15-17 mm.
77P48075	M32x1,5	24-26 mm.
77P48090	M40x1,5	33-35 mm.
77P48105	M50x1,5	41-43 mm.
77P48115	M63x1,5	45-47 mm.

**Blind plug**

Material PVC, color grey

Number	Size
7748014	PG 7
7748029	PG 9
7748044	PG 11
7748059	PG 13.5
7748079	PG 16
7748092	PG 21
7748107	PG 29
7748117	PG 36
7748129	PG 42
7748138	PG 48

**Enlarger**

Material Makrolon

Number	Size
77P48260	PG 9 - PG 11
77P48263	PG 11 - PG 13.5
77P48269	PG 13.5 - PG 16
77P48275	PG 16 - PG 21
77P48276	PG 21 - PG 29
77P48278	PG 29 - PG 36

**Reducer**

Material Makrolon

Number	Size
77P48238	PG 9 - PG 7
77P48239	PG 11 - PG 9
77P48242	PG 13.5 - PG 11
77P48244	PG 16 - PG 9
77P48245	PG 16 - PG 11
77P48248	PG 16 - PG 13.5
77P48251	PG 21 - PG 13.5
77P48254	PG 21 - PG 16
77P48257	PG 29 - PG 21
77P48259	PG 36 - PG 29

**Top****Counter nut**

Material PVC, color grey

Number	Size
7748013	PG 7
7748028	PG 9
7748043	PG 11
7748058	PG 13.5
7748078	PG 16
7748091	PG 21
7748106	PG 29
7748116	PG 36
7748128	PG 42
7748137	PG 48

Number	Size
77P48013	M12x1,5
77P48028	M16x1,5
77P48043	M20x1,5
77P48058	M25x1,5
77P48078	M32x1,5
77P48091	M40x1,5
77P48106	M50x1,5
77P48116	M63x1,5

Blind plug

Material PVC, color grey

Number	Size
77P48014	M12x1,5
77P48029	M16x1,5
77P48044	M20x1,5
77P48059	M25x1,5
77P48079	M32x1,5
77P48092	M40x1,5
77P48107	M50x1,5
77P48117	M63x1,5

Enlarger

Material Makrolon

Number	Size
77K48260	M12 - M16
77K48263	M16 - M20
77K48266	M20 - M25
77K48269	M25 - M32
77K48275	M32 - M40
77K48276	M40 - M50
77K48278	M50 - M63

Reducer

Material Makrolon

Number	Size
77P48260	M12 - M16
77P48263	M16 - M20
77P48266	M20 - M25
77P48269	M25 - M32
77P48272	M32 - M40
77P48275	M40 - M50
77P48276	M50 - M63

Wiska cable gland IP68, short thread

Material Polyamide, glassfiber reinforced.

Colour grey RAL 7035

Diafragma gasket

Number	Size	Cable dimension
77K48000	PG 7	3 - 6,5 mm
77K48015	PG 9	4 - 8 mm
77K48030	PG 11	5 - 10 mm
77K48045	PG 13.5	6 - 12 mm
77K48060	PG 16	10 - 14 mm
77K48081	PG 21	12 - 18 mm
77K48093	PG 29	18 - 25 mm
77K48108	PG 36	22 - 32 mm
77K48118	PG 42	32 - 38 mm
77K48130	PG 48	37 - 44 mm

Number	Size	Cable dimension
77K48002	M12x1,5	5-7 mm.
77K48003	M16x1,5	6-8 mm.
77K48018	M20x1,5	8-10 mm.
77K48063	M25x1,5	15-17 mm.
77K48096	M32x1,5	24-26 mm.
77K48110	M40x1,5	33-35 mm.
77K48121	M50x1,5	41-43 mm.
77K48224	M63x1,5	45-47 mm.

Wiska cable gland IP68, long thread

Material Polyamide, glassfiber reinforced.

Colour grey RAL 7035

Diafragma gasket

Number	Size	Cable dimension
77K48003	PG 7	3 - 6,5 mm
77K48018	PG 9	4 - 8 mm
77K48033	PG 11	5 - 10 mm
77K48048	PG 13.5	6 - 12 mm
77K48063	PG 16	10 - 14 mm
77K48084	PG 21	12 - 18 mm
77K48096	PG 29	18 - 25 mm
77K48121	PG 42	32 - 38 mm
77K48133	PG 48	37 - 44 mm

Cable glands LAPPGROUP**Skintop® ST-M, material Polyamide, seal CR**

Temperature range: Fixed: -40°C to +100°C, Dynamic -20°C to +100°C

Highly oil resistance, durable protection against vibrations.

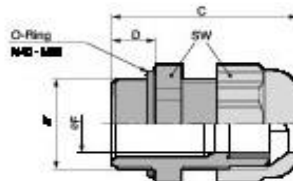
IP68 - 5 bar, IP 69 K-approval, useful for the most demanding cleaning procedures for industrial machinery with high pressure cleaners and hot water.

For offshore platforms, equipment and shipyards

UL approval E79903, GGVS: TÜ.EGG.020-95, DNV approved

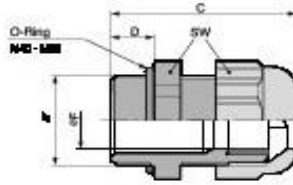
Skintop® Metric ISO, color silver grey RAL 7001.

Number	Lapp	Size	Cable dimension
77L1000	53111000	M 12x1,5	3,5-7 mm
77L1001	53111010	M 16x1,5	4,5-10 mm
77L1002	53111020	M 20x1,5	7-13 mm
77L1003	53111030	M 25x1,5	9-17 mm
77L1004	53111040	M 32x1,5	11-21 mm
77L1005	53111050	M 40x1,5	19-28 mm
77L1006	53111060	M 50x1,5	27-35 mm
77L1007	53111070	M 63x1,5	34-45 mm



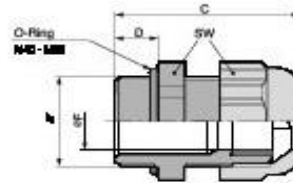
Skintop® Metric ISO, color black RAL 9005 UV-resistant.

Number	Lapp	Size	Cable dimension
77L1010	53111200	M 12x1,5	3,5-7 mm
77L1011	53111210	M 16x1,5	4,5-10 mm
77L1012	53111220	M 20x1,5	7-13 mm
77L1013	53111230	M 25x1,5	9-17 mm
77L1014	53111240	M 32x1,5	11-21 mm
77L1015	53111250	M 40x1,5	19-28 mm
77L1016	53111260	M 50x1,5	27-35 mm
77L1017	53111270	M 63x1,5	34-45 mm



Skintop® Metric ISO, color light grey RAL 7035.

Number	Lapp	Size	Cable dimension
77L1020	53111400	M 12x1,5	3,5-7 mm
77L1021	53111410	M 16x1,5	4,5-10 mm
77L1022	53111420	M 20x1,5	7-13 mm
77L1023	53111430	M 25x1,5	9-17 mm
77L1024	53111440	M 32x1,5	11-21 mm
77L1025	53111450	M 40x1,5	19-28 mm
77L1026	53111460	M 50x1,5	27-35 mm
77L1027	53111470	M 63x1,5	34-45 mm



Skintop® Metric ISO, color silver grey RAL 7001.

With extra long metric thread. Without DNV approval!!

Number	Lapp	Size	Cable dimension
77L1030	53017010	M 16x1,5	3,5-8 mm
77L1031	53017030	M 20x1,5	5-12 mm
77L1032	53017040	M 25x1,5	9-14 mm



Skintop® Metric ISO, color black RAL 9005 UV-resistant.

With extra long metric thread. Without DNV approval!!

Number	Lapp	Size	Cable dimension
77L1040	5301000	M 12x1,5	3,5-7 mm
77L1041	53017210	M 16x1,5	3,5-8 mm
77L1042	53017230	M 20x1,5	5-12 mm
77L1043	53017240	M 25x1,5	9-14 mm



Skintop® STR-M, material Polyamide, seal CR

Temperature range: Fixed: -40°C to +100°C, Dynamic -20°C to +100°C

Highly oil resistance, durable protection against vibrations.

IP68 - 5 bar, IP 69 K-approval, useful for the most demanding cleaning procedures for industrial machinery with high pressure cleaners and hot water.

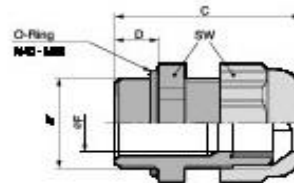
With reduced opening for smaller cable dimensions.

For offshore platforms, equipment and shipyards

UL approval E79903, GGVS: TÜ.EGG.020-95, DNV approved

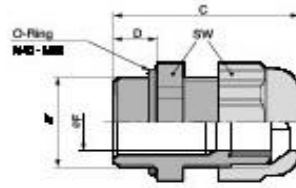
Skintop® Metric ISO, color silver grey RAL 7001.

Number	Lapp	Size	Cable dimension
77L1050	53111100	M 12x1,5	1-5 mm
77L1051	53111110	M 16x1,5	2-7 mm
77L1052	53111120	M 20x1,5	5-10 mm
77L1053	53111130	M 25x1,5	6-13 mm
77L1054	53111140	M 32x1,5	7-15 mm
77L1055	53111150	M 40x1,5	15-23 mm
77L1056	53111160	M 50x1,5	22-29 mm
77L1057	53111170	M 63x1,5	28-39 mm



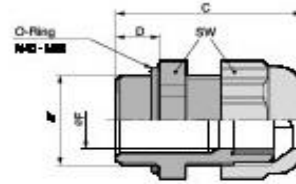
Skintop® Metric ISO, color black RAL 9005 UV-resistant.

Number	Lapp	Size	Cable dimension
77L1060	53111300	M 12x1,5	1-5 mm
77L1061	53111310	M 16x1,5	2-7 mm
77L1062	53111320	M 20x1,5	5-10 mm
77L1063	53111330	M 25x1,5	6-13 mm
77L1064	53111340	M 32x1,5	7-15 mm
77L1065	53111350	M 40x1,5	15-23 mm
77L1066	53111360	M 50x1,5	22-29 mm
77L1067	53111370	M 63x1,5	28-39 mm



Skintop® Metric ISO, color light grey RAL 7035.

Number	Lapp	Size	Cable dimension
77L1070	53111500	M 12x1,5	1-5 mm
77L1071	53111510	M 16x1,5	2-7 mm
77L1072	53111520	M 20x1,5	5-10 mm
77L1073	53111530	M 25x1,5	6-13 mm
77L1074	53111540	M 32x1,5	7-15 mm
77L1075	53111550	M 40x1,5	15-23 mm
77L1076	53111560	M 50x1,5	22-29 mm
77L1077	53111570	M 63x1,5	28-39 mm



Skintop® Metric ISO, color silver grey RAL 7001.

With extra long metric thread. Without DNV approval!!

Number	Lapp	Size	Cable dimension
77L1080	53017110	M 16x1,5	2-6 mm
77L1081	53017130	M 20x1,5	4-9 mm
77L1082	53017140	M 25x1,5	6-12 mm



Skintop® Metric ISO, color black RAL 9005 UV-resistant.

With extra long metric thread. Without DNV approval!!

Number	Lapp	Size	Cable dimension
77L1090	53017310	M 16x1,5	2-6 mm
77L1091	53017330	M 20x1,5	4-9 mm
77L1092	53017340	M 25x1,5	6-12 mm



Skintop® ST, material Polyamide, seal CR

Temperature range: -20°C to +100°C

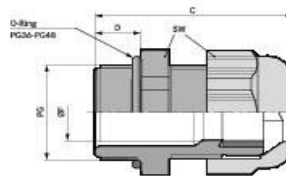
Highly oil resistance, durable protection against vibrations.
IP68 - 5 bar

For applications where cables and wires need a safe entry such as machine building and electric cabinets.

UL approval E79903, GGVS: TÜ.EGG.020-95

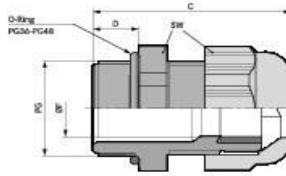
Skintop® PG Thread, color silver grey RAL 7001.

Number	Lapp	Size	Cable dimension
77L1100	53015000	PG 7	2,5-6,5 mm
77L1101	53015010	PG 9	3,5-8 mm
77L1102	53015020	PG 11	4-10 mm
77L1103	53015030	PG 13,5	6-12 mm
77L1104	53015040	PG 16	9-14 mm
77L1105	53015050	PG 21	13-18 mm
77L1106	53015060	PG 29	14-25 mm
77L1107	53015070	PG 36	24-32 mm
77L1108	53015080	PG 42	35-38 mm
77L1109	53015090	PG 48	39-44 mm



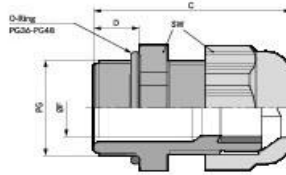
Skintop® PG Thread, color black RAL 9005 UV-resistant.

Number	Lapp	Size	Cable dimension
77L1110	53015200	PG 7	2,5-6,5 mm
77L1111	53015210	PG 9	3,5-8 mm
77L1112	53015220	PG 11	4-10 mm
77L1113	53015230	PG 13,5	6-12 mm
77L1114	53015240	PG 16	9-14 mm
77L1115	53015250	PG 21	13-18 mm
77L1116	53015260	PG 29	14-25 mm
77L1117	53015270	PG 36	24-32 mm
77L1118	53015280	PG 42	35-38 mm
77L1119	53015290	PG 48	39-44 mm



Skintop® PG Thread, color light grey RAL 7035.

Number	Lapp	Size	Cable dimension
77L1120	53018000	PG 7	2,5-6,5 mm
77L1121	53018010	PG 9	3,5-8 mm
77L1122	53018020	PG 11	4-10 mm
77L1123	53018030	PG 13,5	6-12 mm
77L1124	53018040	PG 16	9-14 mm
77L1125	53018050	PG 21	13-18 mm
77L1126	53018060	PG 29	14-25 mm
77L1127	53018070	PG 36	24-32 mm
77L1128	53018080	PG 42	35-38 mm
77L1129	53018090	PG 48	39-44 mm



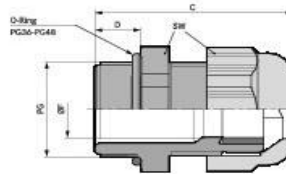
Skintop® STR, material Polyamide, seal CR

Temperature range: -20°C to +80°C

Highly oil resistance, durable protection against vibrations.
IP68 - 5 bar. With reduced entry for smaller cable dimensions.
For applications where cables and wires need a safe entry such as machine building and electric cabinets.
UL approval E79903, GGVS: TÜ.EGG.020-95

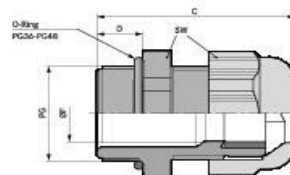
Skintop® PG Thread, color silver grey RAL 7001.

Number	Lapp	Size	Cable dimension
77L1130	53015100	PG 7	1,5-5 mm
77L1131	53015110	PG 9	2-6 mm
77L1132	53015120	PG 11	2-7 mm
77L1133	53015130	PG 13,5	4-9 mm
77L1134	53015140	PG 16	6-12 mm
77L1135	53015150	PG 21	9-16 mm
77L1136	53015160	PG 29	11-20 mm
77L1137	53015170	PG 36	17-26 mm
77L1138	53015180	PG 42	22-31 mm
77L1139	53015190	PG 48	26-35 mm



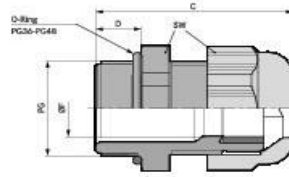
Skintop® PG Thread, color black RAL 9005 UV-resistant.

Number	Lapp	Size	Cable dimension
77L1140	53015300	PG 7	1,5-5 mm
77L1141	53015310	PG 9	2-6 mm
77L1142	53015320	PG 11	2-7 mm
77L1143	53015330	PG 13,5	4-9 mm
77L1144	53015340	PG 16	6-12 mm
77L1145	53015350	PG 21	9-16 mm
77L1146	53015360	PG 29	11-20 mm
77L1147	53015370	PG 36	17-26 mm
77L1148	53015380	PG 42	22-31 mm
77L1149	53015390	PG 48	26-35 mm



Skintop® PG Thread, color light grey RAL 7035.

Number	Lapp	Size	Cable dimension
77L1150	53018100	PG 7	1,5-5 mm
77L1151	53018110	PG 9	2-6 mm
77L1152	53018120	PG 11	2-7 mm
77L1153	53018130	PG 13,5	4-9 mm
77L1154	53018140	PG 16	6-12 mm
77L1155	53018150	PG 21	9-16 mm
77L1156	53018160	PG 29	11-20 mm
77L1157	53018170	PG 36	17-26 mm
77L1158	53018180	PG 42	22-31 mm
77L1159	53018190	PG 48	26-35 mm



Counter nuts LAPPGROUP

Skintop® GMP-GL-M, material Polyamide glassfiber reinforced.

Skintop® GMP-GL, material Polyamide glassfiber reinforced.

Metric Temperature range: Fixed: -40°C to +100°C, Dynamic -20°C to +100°C

PG Thread. Temperature range: -20°C to +100°C

Used when a gland has to be countered. With Skintop® glands in through holes without thread or thin walls.

UL-approval only valid in combination with the UL-approved Skintop® Polyamide cable glands.

UL approval E79903

Skintop® Metric ISO, color silver grey RAL 7001.

Number	Lapp	Size
77L1160	53119000	M 12x1,5
77L1161	53119010	M 16x1,5
77L1162	53119020	M 20x1,5
77L1163	53119030	M 25x1,5
77L1164	53119040	M 32x1,5
77L1165	53119050	M 40x1,5
77L1166	53119060	M 50x1,5
77L1167	53119070	M 63x1,5



Skintop® Metric ISO, color black RAL 9005 UV-resistant.

Number	Lapp	Size
77L1170	53119100	M 12x1,5
77L1171	53119110	M 16x1,5
77L1172	53119120	M 20x1,5
77L1173	53119130	M 25x1,5
77L1174	53119140	M 32x1,5
77L1175	53119150	M 40x1,5
77L1176	53119160	M 50x1,5
77L1177	53119170	M 63x1,5



Skintop® Metric ISO, color light grey RAL 7035.

Number	Lapp	Size
77L1180	53119003	M 12x1,5
77L1181	53119013	M 16x1,5
77L1182	53119023	M 20x1,5
77L1183	53119033	M 25x1,5
77L1184	53119043	M 32x1,5
77L1185	53119053	M 40x1,5
77L1186	53119063	M 50x1,5
77L1187	53119073	M 63x1,5



Skintop® PG Thread, color silver grey RAL 7001.

77L1190	53019000	PG 7
77L1191	53019010	PG 9
77L1192	53019020	PG 11
77L1193	53019030	PG 13,5
77L1194	53019040	PG 16
77L1195	53019050	PG 21
77L1196	53019060	PG 29
77L1197	53019070	PG 36
77L1198	53019080	PG 42
77L1199	53019090	PG 48



Skintop® PG Thread, color black RAL 9005 UV-resistant.

Number	Lapp	Size
77L1200	53019200	PG 7
77L1201	53019210	PG 9
77L1202	53019220	PG 11
77L1203	53019230	PG 13,5
77L1204	53019240	PG 16
77L1205	53019250	PG 21
77L1206	53019260	PG 29
77L1207	53019270	PG 36
77L1208	53019280	PG 42
77L1209	53019290	PG 48



Skintop® PG Thread, color light grey RAL 7035.

Number	Lapp	Size
77L1210	53019001	PG 7
77L1211	53019011	PG 9
77L1212	53019021	PG 11
77L1213	53019031	PG 13,5
77L1214	53019041	PG 16
77L1215	53019051	PG 21
77L1216	53019061	PG 29
77L1217	53019071	PG 36
77L1218	53019081	PG 42
77L1219	53019091	PG 48



Kabelwartels LAPPGROUP SORTIMO® T-BOXX

Skintop® ST-M, materiaal Polyamide, afdichting CR

Temperature range: Fixed: -40°C to +100°C, Dynamic -20°C to +100°C

Highly oil resistant, durable protection against vibrations.

IP68 - 5 bar, IP 69 K-approval, useful for the most demanding cleaning procedures for industrial machinery with high pressure cleaners and hot water.

Very useful for offshore and shipbuilding.

UL approval E79903, GGVS: TÜ.EGG.020-95, DNV approved

Skintop® Metric ISO, color light grey RAL 7035.



Number	Contains
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77L1099	50 pieces ST-M M 12x1,5 50 pieces ST-M M 16x1,5 40 pieces ST-M M 20x1,5 25 pieces ST-M M 25x1,5 9 pieces ST-M M 32x1,5 Including counter nuts LAPP number 53110030
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Blind plugs LAPPGROUP

Skindicht® BLK-M, material impact-resistant Polystyrene

Fire behaviour according to UL 94HB

For closing pre-threaded holes

Protection IP54

Temperature range: -25°C to +60°C

Skintop® Metric ISO, color light grey RAL 7035.

Number	Lapp	Size
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77L1230	52006600	M 12x1,5
77L1231	52006610	M 16x1,5
77L1232	52006620	M 20x1,5
77L1233	52006630	M 25x1,5



Number	Lapp	Size
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77L1234	52006640	M 32x1,5
77L1235	52006650	M 40x1,5
77L1236	52006660	M 50x1,5
77L1237	52006670	M 63x1,5

Skindicht® BLK-GL-M, material Polyamide glassfiber reinforced

Fire behaviour according to UL 94HB

For closing pre-threaded holes

Protection IP54 and IP68 (with O-ring).

Temperature range: -40°C to +100°C

Skintop® Metric ISO, color silver grey RAL 7001.

Number	Lapp	Size
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77L1240	52006101	M 12x1,5
77L1241	52006111	M 16x1,5
77L1242	52006121	M 20x1,5
77L1243	52006131	M 25x1,5
77L1244	52006141	M 32x1,5
77L1245	52006151	M 40x1,5
77L1246	52006161	M 50x1,5
77L1247	52006171	M 63x1,5



Skintop® Metric ISO, color black RAL 9005 UV-bestendig.

Number	Lapp	Size
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77L1250	52006103	M 12x1,5
77L1251	52006113	M 16x1,5
77L1252	52006123	M 20x1,5
77L1253	52006133	M 25x1,5
77L1254	52006143	M 32x1,5
77L1255	52006153	M 40x1,5
77L1256	52006163	M 50x1,5
77L1257	52006173	M 63x1,5



Skintop® Metric ISO, color light grey RAL 7035.

Number	Lapp	Size
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77L1260	52006100	M 12x1,5
77L1261	52006111	M 16x1,5
77L1262	52006121	M 20x1,5
77L1263	52006131	M 25x1,5
77L1264	52006141	M 32x1,5
77L1265	52006151	M 40x1,5
77L1266	52006161	M 50x1,5
77L1267	52006171	M 63x1,5



Skindicht® BLK-GL-M, material Polyamide glassfiber reinforced
IP68 complete with NBR O-ring

Skintop® Metric ISO, color silver grey RAL 7001.

Number	Lapp	Size
77L1270	52006109	M 12x1,5
77L1271	52006119	M 16x1,5
77L1272	52006129	M 20x1,5
77L1273	52006139	M 25x1,5
77L1274	52006149	M 32x1,5
77L1275	52006159	M 40x1,5
77L1276	52006169	M 50x1,5
77L1277	52006179	M 63x1,5



Skintop® Metric ISO, color black RAL 9005
UV-resistant.

Number	Lapp	Size
77L1280	52006106	M 12x1,5
77L1281	52006116	M 16x1,5
77L1282	52006126	M 20x1,5
77L1283	52006136	M 25x1,5
77L1284	52006146	M 32x1,5
77L1285	52006156	M 40x1,5
77L1286	52006166	M 50x1,5
77L1287	52006176	M 63x1,5



Skintop® Metric ISO, color light grey RAL 7035.

Number	Lapp	Size
77L1290	52006107	M 12x1,5
77L1291	52006117	M 16x1,5
77L1292	52006127	M 20x1,5
77L1293	52006137	M 25x1,5
77L1294	52006147	M 32x1,5
77L1295	52006157	M 40x1,5
77L1296	52006167	M 50x1,5
77L1297	52006177	M 63x1,5



Skindicht® BLK/ BLK-GL, material BLK Polystyrene and BLK-GL Polyamide glassfiber reinforced

Fire behaviour according to UL 94HB
For closing pre-threaded holes
Protection IP54
Temperature range: BLK -20°C to +70°C and BLK-GL -40°C to +100°C.

Skintop® PG Thread, color light grey RAL 7035.

Type BLK

Number	Lapp	Size
77L1300	52005949	PG 7
77L1301	52005950	PG 9
77L1302	52005960	PG 11
77L1303	52005970	PG 13,5
77L1304	52005980	PG 16
77L1305	52005990	PG 21
77L1306	52006000	PG 29
77L1307	52006010	PG 36
77L1308	52006020	PG 42
77L1309	52006030	PG 48



Skintop® PG Thread, color light grey RAL 7035.

Type BLK-GL

Number	Lapp	Size
77L1310	52024848	PG 7
77L1311	52024849	PG 9
77L1312	52024850	PG 11
77L1313	52024851	PG 13,5
77L1314	52024852	PG 16
77L1315	52024853	PG 21
77L1316	52024854	PG 29
77L1317	52024855	PG 36
77L1318	52024856	PG 42
77L1319	52024857	PG 48



Cable glands ATEX LAPPGROUP

Type SKINTOP® MS-M ATEX

Cold impact resistance, high strain relief, wide variable clamping ranges.

Anti-static, maximum reliability.

Devices, machines and apparatus of enhanced safety protection type "e".

Equipment group II / Category 2G + 1D.

For mobile applications in on- and offshore, chemical- and petrochemical industries.

UL file number E79903, DNV approval, IECEx.

Approvals: CE 0637 Ex II 2G, Ex eb IIC Ex II 1D, Ex ta IIIC, IECEx IBE 13.0026X

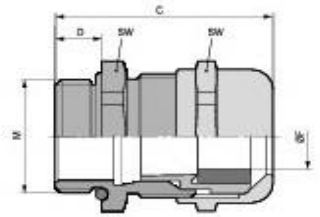
Classification: ETIM 5.0 Class-ID: EC000441, ETIM 5.0 class description: cable gland.

Material body nickel-plated brass, insert Polyamide, sealing ring CR, O-ring NBR.

Tests DIN EN 60079-0 and DIN EN 60079-7

Protection rating IP68 - 10 bar

Temperature range -30°C to +90°C.



SKINTOP® MS-M ATEX

Number	Lapp	Size	Cable dimension	Thread length (D)
77L1400	53112700	M 12x1,5	3-7 mm	6,5 mm
77L1401	53112710	M 16x1,5	4,5-10 mm	7,0 mm
77L1402	53112720	M 20x1,5	7-13 mm	8,0 mm
77L1403	53112730	M 25x1,5	9-17 mm	8,0 mm
77L1404	53112740	M 32x1,5	11-21 mm	9,0 mm
77L1405	53112750	M 40x1,5	19-28 mm	9,0 mm
77L1406	53112760	M 50x1,5	26-35 mm	10,0 mm
77L1407	53112770	M 63x1,5	34-45 mm	15,0 mm
77L1408	53112779	M 63x1,5+	44-55 mm	15,0 mm



SKINTOP® MS-M ATEX with extra long thread

Number	Lapp	Size	Cable dimension	Thread length (D)
77L1410	53112800	M 12x1,5	3-7 mm	12,0 mm
77L1411	53112810	M 16x1,5	4,5-10 mm	12,0 mm
77L1412	53112820	M 20x1,5	7-13 mm	12,0 mm
77L1413	53112830	M 25x1,5	9-17 mm	12,0 mm
77L1414	53112840	M 32x1,5	11-21 mm	15,0 mm
77L1415	53112850	M 40x1,5	19-28 mm	15,0 mm
77L1416	53112860	M 50x1,5	26-35 mm	15,0 mm



SKINDICHT® counter nut

Used where a gland has to be countered, or in through-holes on thin-walled housings.

Material nickel-plated brass.

Classification: ETIM 5.0 Class-ID: EC000940, ETIM 5.0 class description: counter nut for cable gland.

Temperature range -20°C to +100°C.

Number	Lapp	Size	Thickness
77L1430	52103000	M 12x1,5	3,0 mm
77L1431	52103010	M 16x1,5	3,0 mm
77L1432	52103020	M 20x1,5	3,5 mm
77L1433	52103030	M 25x1,5	4,0 mm
77L1434	52103040	M 32x1,5	4,0 mm
77L1435	53119050	M 40x1,5	5,0 mm
77L1436	53119060	M 50x1,5	5,0 mm
77L1437	53119070	M 63x1,5	5,0 mm



SKINDICHT® SM-PE-M

Cutting edges cuts through the insulation layer, thus guaranteeing an optimum EMC contact.

Suitable for all metric glands used in earthing and EMC applications.

Number	Lapp	Size	Thickness
77L1450	52103300	M 12x1,5	3,0 mm
77L1451	52103310	M 16x1,5	3,0 mm
77L1452	52103320	M 20x1,5	3,5 mm
77L1453	52103330	M 25x1,5	4,0 mm
77L1454	52103340	M 32x1,5	4,0 mm
77L1455	52103350	M 40x1,5	5,0 mm
77L1456	52103360	M 50x1,5	5,0 mm
77L1457	52103370	M 63x1,5	5,0 mm



SKINTOP® SDV-M ATEX

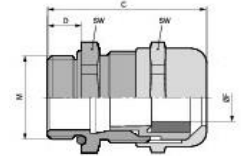
Permanent and secure sealing for areas with risks of explosion. Easy to assemble; high degree of protection. Used in combination with SKINTOP® MS-M ATEX, MS-M ATEX BRUSH or SKINTOP® K-M Atex Plus (blue)
 Equipment group II / Category 2G + 1D.
 Beside Ex areas also useful in combination with SKINTOP® ST-M and MS-M.
 Classification: ETIM 5.0 Class-ID: EC000032, ETIM 5.0 class description: plug for cable screw gland.
 Material CR, protection rating IP68 - 10 bar.
 Temperature range -30°C to +70°C, short peak +90°C.

Number	Lapp	Size	Head height
77L1420	54113002	12 ATEX	3 mm
77L1421	54113012	16 ATEX	3 mm
77L1422	54113022	20 ATEX	3,5 mm
77L1423	54113032	25 ATEX	3,5 mm
77L1424	54113042	32 ATEX	4 mm
77L1425	54113052	40 ATEX	4 mm
77L1426	54113062	50 ATEX	4,5 mm
77L1427	54113072	63 ATEX	4,5 mm



Type SKINTOP® MS-M ATEX BRUSH

Optimum low resistance 360° screen contact. Simple cable adjustment. Easy to uninstall. Anti-static, safe and impact-resistant at cold temperatures. For EMC-compliant earthing of copper braiding, or for cables with copper shaft sheath. Equipment group II / Category 2G + 1D. Devices, machines and apparatus of enhanced safety protection type "e". Type SKINDICHT® SHVE-M M20x1,5 ATEX for smaller clamping ranges. ATEX Brush with DNV approval (SKINDICHT® M ATEX pending). CE 0637 Ex II 2G, Ex eb IIC Ex II 1D, Ex ta IIIC, IECEx IBE 13.0026X
 Material type BRUSH: Body nickel-plated brass, insert special polyamide, EMV-brush brass, seal special elastomer, O-ring special elastomer.
 Material type SHVE-M: Body nickel-plated brass, earthing sleeve brass, insert special elastomer, O-ring special elastomer.
 Protection rating IP68 10 bar.
 Temperature range type BRUSH -30°C to +90°C, type SHVE-M -20°C to +80°C.



Number	Lapp	Size	Cable dimension	Thread length (D)	Minimum ø above braiding
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Type SKINDICHT® SHVE-M-ATEX

77L1460	52107102	M 20x1,5	6,9-8,9 mm	6,0 mm	5 mm SW 22 mm
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Type SKINTOP® MS-M-ATEX BRUSH

77L1461	52110023	M 25x1,5	9-17 mm	8,0 mm	6 mm SW 29 mm
77L1462	52110024	M 32x1,5	11-21 mm	9,0 mm	8 mm SW 36 mm
77L1463	52110025	M 40x1,5	19-28 mm	9,0 mm	10 mm SW 45 mm
77L1464	52110026	M 50x1,5	27-35 mm	10,0 mm	14 mm SW 54 mm
77L1465	52110027	M 63x1,5	34-45 mm	15,0 mm	20 mm SW 67 mm
77L1466	52110028	M 63x1,5+	44-55 mm	15,0 mm	25 mm SW 75 mm

Type SKINDICHT® BL-M ATEX

High degree of protection. Cold impact resistance. Equipment group II / Category 2G + 1D. Devices, machines and apparatus. For mobile applications in offshore and marine industries, chemical- and petrochemical industries. Approvals: CE 0637 Ex II 2G, Ex eb IIC Ex II 1D, Ex ta IIIC, IECEx IBE 13.0029X
 Classification: ETIM 5.0 Class-ID: EC000032, ETIM 5.0 class description: plug for cable screw gland.
 Material: Body nickel-plated brass, O-ring NBR.
 Protection rating IP68 10 bar.
 Temperature range -30°C to +90°C

Number	Lapp	Size	Thread L	SW
77L1480	52103103	M 12x1,5	5,0 mm	16 mm
77L1481	52103113	M 16x1,5	5,0 mm	20 mm
77L1482	52103123	M 20x1,5	6,0 mm	24 mm
77L1483	52103133	M 25x1,5	7,0 mm	29 mm
77L1484	52103143	M 32x1,5	8,0 mm	36 mm
77L1485	52103153	M 40x1,5	8,0 mm	45 mm
77L1486	52103163	M 50x1,5	9,0 mm	54 mm
77L1487	52103173	M 63x1,5	10,0 mm	67 mm

