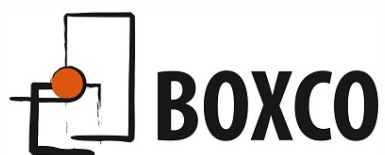
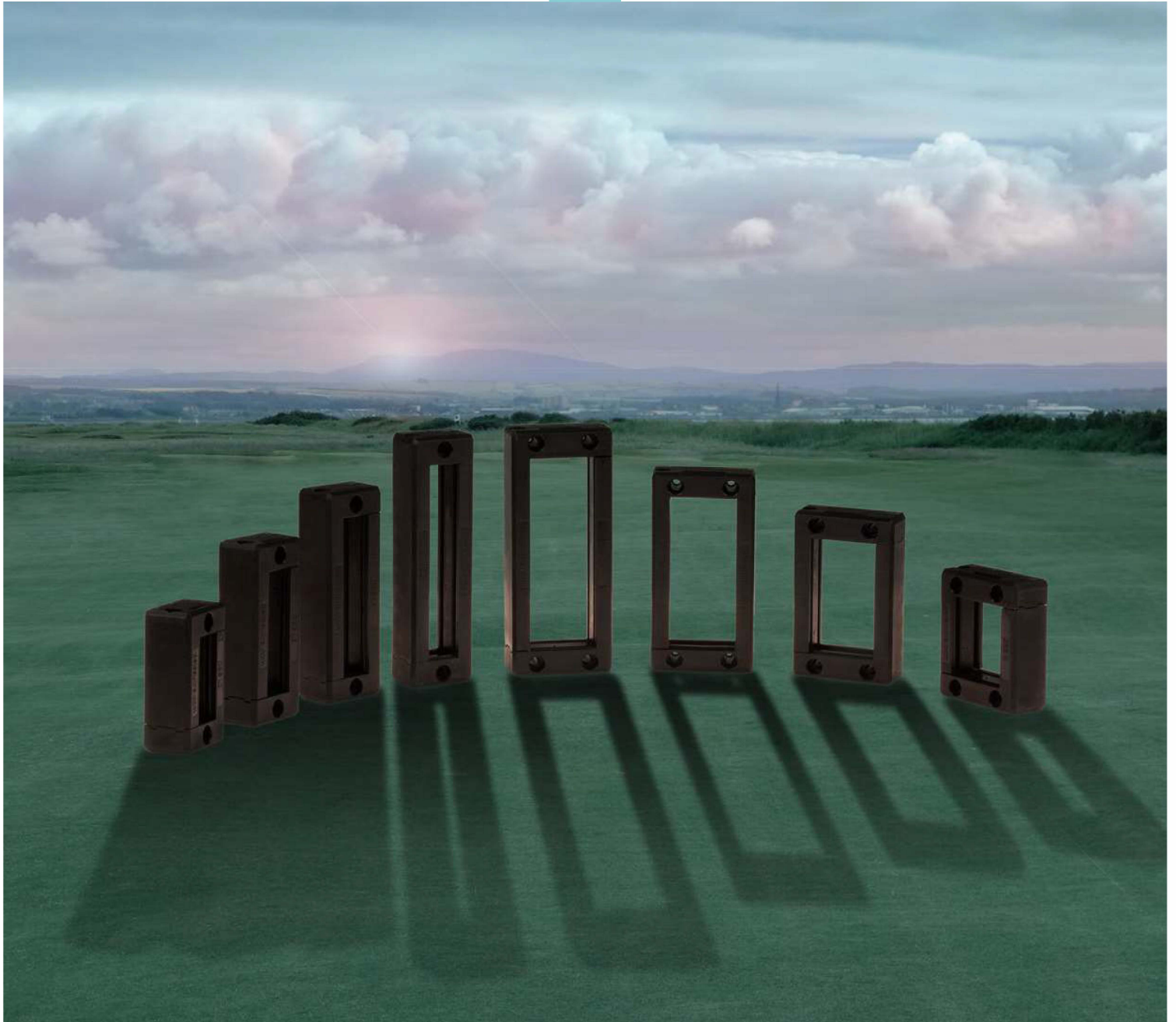


Grommet inserts for frame system DES



DES grommets - small: single, double and quadruple

- ▶ Grommets for cables from 2 to 17 mm diameter
- ▶ "Blind" version available
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours
- ▶ ATEX version on request (see sec. 7)

Model	Code	Ø Cable [mm]	Model	Code	Pcs /pack
					
SPP 0G	1731020100	"blind"	SPP 0B	1731020200	10
SPP 2G	1731020102	2-3	SPP 2B	1731020202	
SPP 3G	1731020103	3-4	SPP 3B	1731020203	
SPP 4G	1731020104	4-5	SPP 4B	1731020204	
SPP 5G	1731020105	5-6	SPP 5B	1731020205	
SPP 6G	1731020106	6-7	SPP 6B	1731020206	
SPP 7G	1731020107	7-8	SPP 7B	1731020207	
SPP 8G	1731020108	8-9	SPP 8B	1731020208	
SPP 9G	1731020109	9-10	SPP 9B	1731020209	
SPP 10G	1731020110	10-11	SPP 10B	1731020210	
SPP 11G	1731020111	11-12	SPP 11B	1731020211	
SPP 12G	1731020112	12-13	SPP 12B	1731020212	
SPP 13G	1731020113	13-14	SPP 13B	1731020213	
SPP 14G	1731020114	14-15	SPP 14B	1731020214	
SPP 15G	1731020115	15-16	SPP 15B	1731020215	
SPP 16G	1731020116	16-17	SPP 16B	1731020216	
					
SPP 2x2G	1731020304	2 x 2	SPP 2x2B	1731020404	10
SPP 2X3G	1731020306	2 x 3	SPP 2X3B	1731020406	
SPP 2X4G	1731020308	2 x 4	SPP 2X4B	1731020408	
SPP 2X5G	1731020310	2 x 5	SPP 2X5B	1731020410	
SPP 2X6G	1731020312	2 x 6	SPP 2X6B	1731020412	
SPP 2X7G	1731020314	2 x 7	SPP 2X7B	1731020414	
SPP 2X8G	1731020316	2 x 8	SPP 2X8B	1731020416	
					
SPP 4X2G	1731020318	4 x 2	SPP 4X2B	1731020418	10
SPP 4X3G	1731020320	4 x 3	SPP 4X3B	1731020420	
SPP 4X4G	1731020322	4 x 4	SPP 4X4B	1731020422	
SPP 4X5G	1731020324	4 x 5	SPP 4X5B	1731020424	
SPP 4X6G	1731020326	4 x 6	SPP 4X6B	1731020426	
					
SPP ASI G	1731021130	1 x ASI	-	-	10
SPP ASI2 G	1731021140	2 x ASI	-	-	



The SPP grommets enable several cables from 2 to 17 mm diameter to be installed in the DES splittable frame.

The 2X and 4X versions allow multiple cables in the same grommet.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

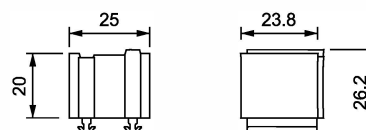
Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

DES 24 DES 16 DES 10
DES Q DES L
DESPRED DESCLICK

Dimensions [mm]





DES grommets with extended range - for cables without connectors

- ▶ Diameters from 2,5 to 14 mm
- ▶ "Blind" grommet pierceable available
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours
- ▶ ATEX version on request (see sec. 7)



Model	Code	Ø Cable min/max [mm]	Model	Code	Pcs /pack
					
SPP K0G	1731021100	"blind"	SPP K0B	1731023100	10
SPP K1G	1731021110	2,5/7	SPP K1B	1731023110	
SPP K2G	1731021115	4,5/10	SPP K2B	1731023115	
SPP K3G	1731021120	7,5/12,5	SPP K3B	1731023120	
SPP K4G	1731021125	9/14	SPP K4B	1731023125	

The SPP K grommets have a dual function: they can be used as "blind" grommets for future application of single cable without connector or they can be use as single grommet for one cable without connector. The cable size can be choosen between 4 solutions from 2,5 a 14 mm diameter.

The double membrane ensures the highest water and dust protection.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

DES 24

DES Q

DESPRED

DES 16

DES L

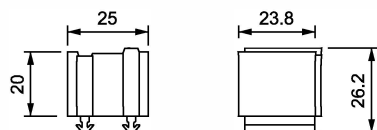
DESCLICK

DES 10



Double parallel membrane

Dimensions[mm]





DES grommets with extended range - for cables without connectors

- ▶ Max. diameter 7 mm
- ▶ "Blind" grommet pierceable available
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours
- ▶ ATEX version on request (see sec. 7)



Model	Code	Ø Cable - Ø cables [mm]	Model	Code	Pcs /pack
					
SPP M4G	1731020504	4 – max. 6	SPP M4B	1731020604	10
SPP M4bG	1731020505	2 – max. 3 2 – max. 7	SPP M4bB	1731020605	

The SPP M grommets have a dual function: they can be used as "blind" grommets for future application of multiple cables without connector or they can be used in the DES splittable frame as multi grommets for non terminated cables.

The double membrane ensures the highest water and dust protection.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

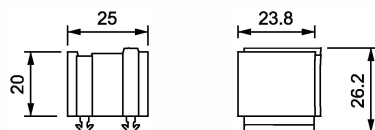
Related products

DES 24	DES 16	DES 10
DES Q	DES L	
DESPRED	DESCLOCK	



Double parallel membrane

Dimensioni [mm]





SPP F



Small grommets with threaded inserts

NEW

- ▶ Cable grommet with female thread for pneumatic connection sleeve and other connectors
- ▶ Continuous thread for 1/4" and 1/8" models, only front on M8 / M12



Thanks to the integrated metric thread, the SPP F series can be used as terminals for sensors, pneumatics, etc.

Technical data

Material: TPE, brass insert

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

DES 24 DES 16 DES 10
DES Q DES L
DESPRED DESCLICK

Model	Code	Thread	Pcs /pack
			
SPP F8G	1731020708	M8 x 0,5	10
SPP F12G	1731020712	M12 x 1	
SPP F1/4G	1731020725	1/4"	
SPP F1/8G	1731020728	1/8"	

SPP VENT

Small grommet with pressure compensation valve

- ▶ Quick assembly
- ▶ M12 thread



SPP VENT is a pressure-compensating rubber seal, recommended for environments requiring uniform pressure.

The depressurising grommet is inserted into DES partitioned frames and thanks to its valve, compensates for the pressure of the environment and thus avoids temperature differences and consequent condensation. The ventilation element has an M12x1.5 thread and can be removed to use threaded connectors and sensors.

Technical data

Material: TPE, valve in PP, brass insert

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

DES 24 DES 16 DES 10
DES Q DES L
DESPRED DESCLICK

Model	Code	Thread	Pcs /pack
			
SPP VENT G	1731020720	M12	10

up to
IP66

up to
NEMA
12, 4X

ECOLAB

UL94-V0

UV
ISO 4892-2A

RoHS
COMPLIANT



Plugs for SPP and SPC series

► Plastic plugs for grommets, from 2 to 16 mm diameter



Model	Code	Ø Diameter [mm]	Length [mm]	Pcs /pack
ISP 2	1731040002	2	30	20
ISP 3	1731040003	3		
ISP 4	1731040004	4		
ISP 5	1731040005	5		
ISP 6	1731040006	6		
ISP 7	1731040007	7		
ISP 8	1731040008	8	25	
ISP 9	1731040009	9		
ISP 10	1731040010	10		
ISP 11	1731040011	11		
ISP 12	1731040012	12		
ISP 13	1731040013	13		
ISP 14	1731040014	14		
ISP 15	1731040015	15		
ISP 16	1731040016	16		

The ISP series grommets are designed to fit into SPP and SPC grommets with diameters from 2 to 16mm.

Technical data

Material: PA66

Flammability: self-extinguishing acc. to UL94-V0

Temperature: -40°C... +155°C (static)

Features: halogens and silicones free

Related products

SPP and SPC grommets

Utility box SPP



Box with all SPP samples grommets

- ▶ Single hole
- ▶ Multiple
- ▶ Pierceable
- ▶ M & F
- ▶ Grey or black



Model	Code	Dimensions [mm]	Grommets color	Pcs
Utility box SPP G	1736999860	370 x 300 x 90		1
Utility box SPP B	1736999861			

GREY GROMMETS BOX CONTENTS				BLACK GROMMETS BOX CONTENTS			
Pcs	Model	Pcs	Model	Pcs	Model	Pcs	Model
8	0G	4	2x2G	8	0B	4	2x2B
8	K0G	4	2x3G	8	K0B	4	2x3B
4	2G	4	2x4G	4	2B	4	2x4B
4	3G	4	2x5G	4	3B	4	2x5B
4	4G	4	2x6G	4	4B	4	2x6B
8	5G	4	2x7G	8	5B	4	2x7B
8	6G	4	2x8G	8	6B	4	2x8B
8	7G			8	7B		
8	8G	4	4x2G	8	8B	4	4x2B
8	9G	4	4x3G	8	9B	4	4x3B
8	10G	4	4x4G	8	10B	4	4x4B
4	11G	4	4x5G	4	11B	4	4x5B
4	12G	4	4x6G	4	12B	4	4x6B
4	13G			4	13B		
4	14G	4	K1G	4	14B	4	K1B
4	15G	4	K2G	4	15B	4	K2B
4	16G	4	K3G	4	16B	4	K3B
		4	K4G			4	K4B
		4	M4G			4	M4B

This engineering box contains 168 pcs of small SPP grommets, grey or black.

The full range of grommets is included.

Related products

DES 24 DES 16 DES 10
DES Q DES L
DESPRED DESCLICK

1



SPG



DES grommets - large

- ▶ Grommets for cables with and without connectors or for corrugated pipes from 17 to 35 mm diameter
- ▶ 2 blind versions available
- ▶ UL94-V0 for both grey and black
- ▶ ATEX version on request (see sec. 7)



Model	Code	Ø Cable [mm]	Model	Code	Pcs /pack
SPG 0G	1731022000	"blind"	SPG 0B	1731022020	10
SPG 17G	1731022117	17-18	SPG 17B	1731022217	
SPG 18G	1731022118	18-19	SPG 18B	1731022218	
SPG 19G	1731022119	19-20	SPG 19B	1731022219	
SPG 20G	1731022120	20-21	SPG 20B	1731022220	
SPG 21G	1731022121	21-22	SPG 21B	1731022221	
SPG 22G	1731022122	22-23	SPG 22B	1731022222	
SPG 23G	1731022123	23-24	SPG 23B	1731022223	
SPG 24G	1731022124	24-25	SPG 24B	1731022224	
SPG 25G	1731022125	25-26	SPG 25B	1731022225	
SPG 26G	1731022126	26-27	SPG 26B	1731022226	
SPG 27G	1731022127	27-28	SPG 27B	1731022227	
SPG 28G	1731022128	28-29	SPG 28B	1731022228	
SPG 29G	1731022129	29-30	SPG 29B	1731022229	
SPG 30G	1731022130	30-31	SPG 30B	1731022230	
SPG 31G	1731022131	31-32	SPG 31B	1731022231	
SPG 32G	1731022132	32-33	SPG32B	1731022232	
SPG 33G	1731022133	33-34	SPG33B	1731022233	
SPG 34G	1731022134	34-35	SPG34B	1731022234	

The SPG grommets are designed for cables with or without connectors or for corrugated pipes with diameter from 17 to 35 mm.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

Temperature: -40°C... +110°C (static)

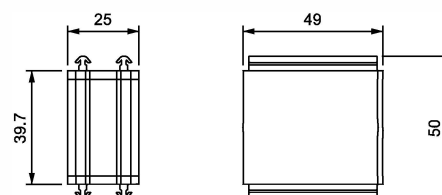
Features: halogens and silicones free

Related products

DES 24 DESPRE 63
DES 16 DESPRE 90
DES 10 DESCLICK 50
DES Q



Dimensions [mm]



IP66

NEMA 12, 4X

UL TYPE 12, 4X



ECOLAB



RoHS COMPLIANT



DES grommets - large - for cables without connectors - double membrane

NEW

- ▶ K1, K2 e K3 for cables without connectors with diameters from 16 to 30 mm
- ▶ K0 blind grommet
- ▶ IP66 for SPG K1, K2 and K3
- ▶ ATEX version on request (see sec. 7)



Model	Code	Ø Cable [mm]	Model	Code	Pcs /pack
	SPG K0G				
	1731022300	max. 32		1731022400	
	SPG K1G	16 - 22		SPG K1B	10
	1731022310			1731022410	
	SPG K2G	23 - 26		SPG K2B	
	1731022320			1731022420	
	SPG K3G	26 - 30		SPG K3B	
	1731022330			1731022430	

The SPG K are blind grommets which can be also used for cables without connectors with diameter from 16 to 30mm.

The SPG K0 can be perforated but the IP protection is not guaranteed.

Thanks to the double membrane in the SPG K1-K2-K3 grommets an optimal dust and water protection are achieved.

Technical data

Material: TPE

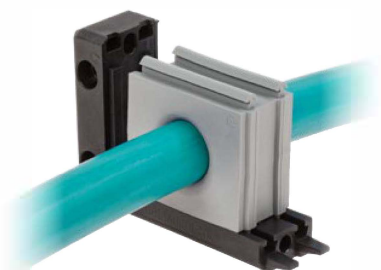
Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

Temperature: -40°C... +110°C (static)

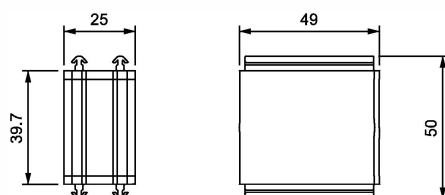
Features: halogens and silicones free

Related products

DES 24 DESPRE 63
DES 16 DESPRE 90
DES 10 DESCLICK 50
DES Q



Dimensions [mm]

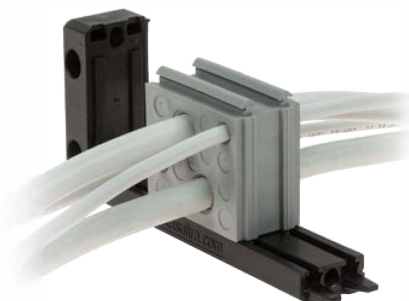




DES grommets - large - for cables without connectors - double membrane

- ▶ Multiple grommets for high number of cables without connectors
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours
- ▶ Strain relief according to EN 62444
- ▶ ATEX version on request (see sec. 7)

Double parallel membrane



Model	Code	Cable nr. - Ø cable [mm]	Pcs /pack
SPG M7G	1731022307	4 - max. 13,5 2 - max. 5	10
SPG M7B	1731022407	1 - max. 9,5	
SPG M9G	1731022309	9 - max. 8,8	
SPG M9B	1731022409		
SPG M14G	1731022314	12 - max. 6,5 2 - max. 12	
SPG M14B	1731022414		
SPG M15G	1731022315	15 - max. 7	
SPG M15B	1731022415		

The SPG M grommets enable high number of cables without connectors to be routed into the DES splittable frames.

The cable is pushed through the front membrane, whilst the second membrane increases the strain relief and liquid resistance.

Technical data

Material: TPE

Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

DES 24 DESPRE 63
DES 16 DESPRE 90
DES 10 DESCLICK 50
DES Q

Dimensions [mm]

