



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



Model	Code	Ø Cable [mm]	Model	Code	Pcs /pack
		◻			◼
SPP 0GA	1731320100	"blind"	SPP 0BA	1731320200	10
SPP 2GA	1731320102	2-3	SPP 2BA	1731320202	
SPP 3GA	1731320103	3-4	SPP 3BA	1731320203	
SPP 4GA	1731320104	4-5	SPP 4BA	1731320204	
SPP 5GA	1731320105	5-6	SPP 5BA	1731320205	
SPP 6GA	1731320106	6-7	SPP 6BA	1731320206	
SPP 7GA	1731320107	7-8	SPP 7BA	1731320207	
SPP 8GA	1731320108	8-9	SPP 8BA	1731320208	
SPP 9GA	1731320109	9-10	SPP 9BA	1731320209	
SPP 10GA	1731320110	10-11	SPP 10BA	1731320210	
SPP 11GA	1731320111	11-12	SPP 11BA	1731320211	
SPP 12GA	1731320112	12-13	SPP 12BA	1731320212	
SPP 13GA	1731320113	13-14	SPP 13BA	1731320213	
SPP 14GA	1731320114	14-15	SPP 14BA	1731320214	
SPP 15GA	1731320115	15-16	SPP 15BA	1731320215	
SPP 16GA	1731320116	16-17	SPP 16BA	1731320216	
		◻◻			◼◼
SPP 2x2GA	1731320304	2 x 2	SPP 2x2BA	1731320404	10
SPP 2x3GA	1731320306	2 x 3	SPP 2x3BA	1731320406	
SPP 2x4GA	1731320308	2 x 4	SPP 2x4BA	1731320408	
SPP 2x5GA	1731320310	2 x 5	SPP 2x5BA	1731320410	
SPP 2x6GA	1731320312	2 x 6	SPP 2x6BA	1731320412	
SPP 2x7GA	1731320314	2 x 7	SPP 2x7BA	1731320414	
SPP 2x8GA	1731320316	2 x 8	SPP 2x8BA	1731320416	
		◻◻◻			◼◼◼
SPP 4x2GA	1731320318	4 x 2	SPP 4x2BA	1731320418	10
SPP 4x3GA	1731320320	4 x 3	SPP 4x3BA	1731320420	
SPP 4x4GA	1731320322	4 x 4	SPP 4x4BA	1731320422	
SPP 4x5GA	1731320324	4 x 5	SPP 4x5BA	1731320424	
SPP 4x6GA	1731320326	4 x 6	SPP 4x6BA	1731320426	

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.

SPP ATEX series can be used in zone 2 and 22 according to IEC 60079-10.

Technical data

Material: TPE

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

Temperature: -40°C... +110°C (static)

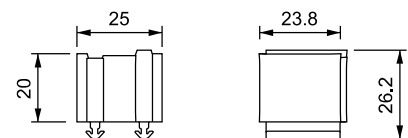
Features: halogens and silicones free

Related products

DES 24	DESPRED	DES 16M
DES 16	DESCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	



Dimensions [mm]



* Indoor only



IP66

NEMA 12, 4X

UL TYPE 12, 4X



ECOLAB



RoHS COMPLIANT



DES grommets with extended range - for cables without connectors

- ▶ Diameters from 2,5 to 16,5 mm
- ▶ "Blind" pierceable grommets
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours



Double parallel membrane



Model	Code	Ø Cable min/max [mm]	Model	Code	Pcs /pack
SPP K0GA	1731321100	"blind"	SPP K0BA	1731323100	10
SPP K1GA	1731321110	2,5/7	SPP K1BA	1731323110	
SPP K2GA	1731321115	4,5/10	SPP K2BA	1731323115	
SPP K3GA	1731321120	7,5/12,5	SPP K3BA	1731323120	
SPP K4GA	1731321125	9/14	SPP K4BA	1731323125	
SPP K5GA	1731321127	12/16,5	SPP K5BA	1731323127	

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 used as single grommet for one cable without connector. The cable size can be chosen between 4 solutions from 2,5 a 16,5 mm diameter.

The double membrane ensures the highest water and dust protection.

SPP K ATEX series can be used in zone 2 and 22 according to IEC 60079-10.

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	DESPRED	DES 16M
DES 16	DESCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	

SPP M ATEX

DES multiple grommets with extended range for cables without connectors

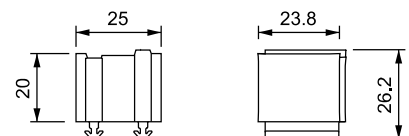
- ▶ Cable diameter max. 7 mm
- ▶ "Blind" pierceable grommets
- ▶ Grey and black colours available
- ▶ UL94-V0 for both colours

Double parallel membrane



Model	Code	Cable nr. - Ø cable [mm]	Model	Code	Pcs /pack
SPP M4GA	1731320504	4 – max. 6	SPP M4BA	1731320604	10
SPP M4bGA	1731320505	2 – max. 3 2 – max. 7	SPP M4bBA	1731320605	

Dimensions [mm]



* Indoor only



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



Model	Code	Ø Cable [mm]	Model	Code	Pcs /pack
SPG 0GA	1731322000	"blind"	SPG 0BA	1731322020	10
SPG 17GA	1731322117	17-18	SPG 17BA	1731322217	
SPG 18GA	1731322118	18-19	SPG 18BA	1731322218	
SPG 19GA	1731322119	19-20	SPG 19BA	1731322219	
SPG 20GA	1731322120	20-21	SPG 20BA	1731322220	
SPG 21GA	1731322121	21-22	SPG 21BA	1731322221	
SPG 22GA	1731322122	22-23	SPG 22BA	1731322222	
SPG 23GA	1731322123	23-24	SPG 23BA	1731322223	
SPG 24GA	1731322124	24-25	SPG 24BA	1731322224	
SPG 25GA	1731322125	25-26	SPG 25BA	1731322225	
SPG 26GA	1731322126	26-27	SPG 26BA	1731322226	
SPG 27GA	1731322127	27-28	SPG 27BA	1731322227	
SPG 28GA	1731322128	28-29	SPG 28BA	1731322228	
SPG 29GA	1731322129	29-30	SPG 29BA	1731322229	
SPG 30GA	1731322130	30-31	SPG 30BA	1731322230	
SPG 31GA	1731322131	31-32	SPG 31BA	1731322231	
SPG 32GA	1731322132	32-33	SPG32BA	1731322232	
SPG 33GA	1731322133	33-34	SPG33BA	1731322233	
SPG 34GA	1731322134	34-35	SPG34BA	1731322234	

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

SPG ATEX series can be used in zone 2 and 22 according to IEC 60079-10.

Technical data

Material: TPE

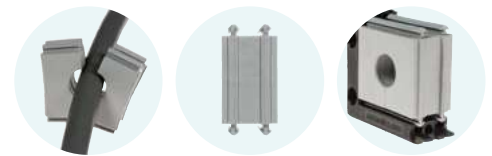
Flammability: self-extinguishing acc. to UL94-V0 (grey or black)

Temperature: -40°C... +110°C (static)

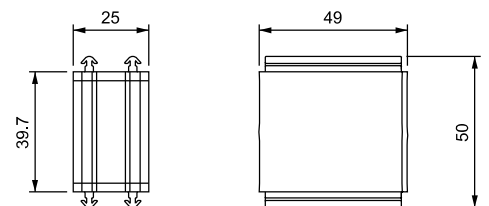
Features: halogens and silicones free

Related products

DES 24	DESPRED	DES 16M
DES 16	DESCCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	



Dimensions [mm]



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

- ▶ K1, K2 e K3 for single cables with diameters from 16 to 30 mm
- ▶ K0 blind grommet
- ▶ IP66 for SPG K1, K2 and K3



Model	Code	Ø Cable [mm]	Model	Code	Pcs /pack
SPG K0GA	1731322300	max. 32	SPG K0BA	1731322400	10
SPG K1GA	1731322310	16-22	SPG K1BA	1731322410	
SPG K2GA	1731322320	23 - 26	SPG K2BA	1731322420	
SPG K3GA	1731322330	26 - 30	SPG K3BA	1731322430	

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.

SPG K ATEX series can be used in zone 2 and 22 according to IEC 60079-10.

Technical data

Material: TPE

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

Temperature: -40°C... +110°C (static)

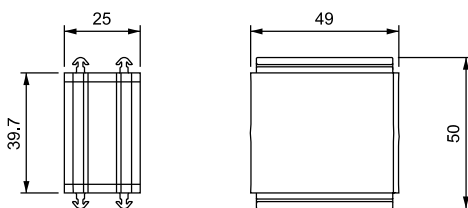
Features: halogens and silicones free

Related products

DES 24	DESPRED	DES 16M
DES 16	DESCCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	



Dimensions [mm]



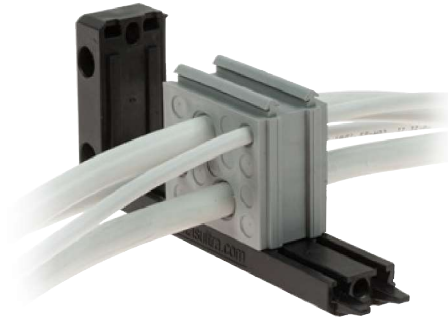
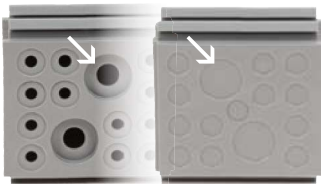
* Indoor only



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

Double parallel membrane



Model	Code	Cable nr.	Ø Cable [mm]	Pcs /pack
SPG M7GA	1731322307	4-	max. 13,5	10
SPG M7BA	1731322407	2- 1-	max. 5 max. 9,5	
SPG M9GA	1731322309	9-	max. 8,8	
SPG M9BA	1731322409			
SPG M14GA	1731322314	12-	max. 6,5	
SPG M14BA	1731322414	2-	max. 12	
SPG M15A	1731322315	15-	max. 7	
SPG M15BA	1731322415			

The SPG M grommets enable a high number of cables to be installed in the DES splittable frames.

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

SPG M ATEX series can be used in zone 2 and 22 according to IEC 60079-10.

Technical data

Material: TPE

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

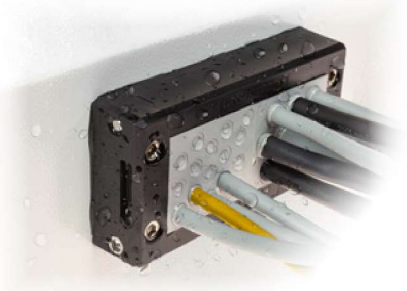
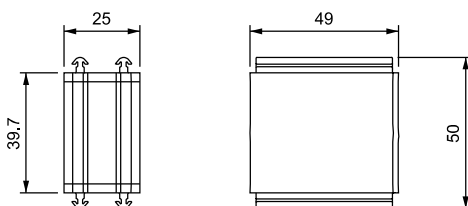
Temperature: -40°C... +110°C (static)

Features: halogens and silicones free

Related products

DES 24	DESPRED	DES 16M
DES 16	DESCCLICK	DES 16MX
DES 10	DES 24M	
DES Q	DES 24MX	

Dimensions [mm]



7

* Indoor only



IP66

NEMA 12, 4X



ECOLAB

