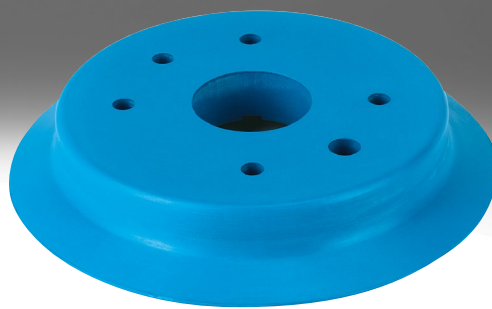


Assignment of Vacuum Suction Cups ESV to Vacuum Suction Cups with connector ESS

FESTO



Type codes

001	Series	
ESV	Vacuum suction cup	
002	Suction cup size	
20	20 mm diameter	
30	30 mm diameter	
40	40 mm diameter	
50	50 mm diameter	
60	60 mm diameter	
80	80 mm diameter	
100	100 mm diameter	
150	150 mm diameter	
200	200 mm diameter	

003	Suction cup shape	
S	Round, standard	
G	Round, bell shape	
E	Round, extra-deep	
B	Round, bellows, 1.5 convolutions	
C	Round, bellows, 3.5 convolutions	

004	Material	
F	Fluoro rubber	
N	Nitrile rubber	
S	Silicone	
U	Polyurethane	
T	Polyurethane high-performance elastomer	

005	Additional features	
	None	
A	Antistatic	

For ESS-S... (round, flat)

Ordering data				
Suction cup ø [mm]	ESS		ESV	
	Part no.	Type	Part no.	Type
Fluoro rubber				
2	189267	ESS-2-SF	–	
4	189272	ESS-4-SF	–	
6	189277	ESS-6-SF	–	
8	189282	ESS-8-SF	–	
10	189287	ESS-10-SF	–	
15	189292	ESS-15-SF	–	
20	189297	ESS-20-SF	190982	ESV-20-SF
30	189302	ESS-30-SF	190987	ESV-30-SF
40	189307	ESS-40-SF	190992	ESV-40-SF
50	189312	ESS-50-SF	190997	ESV-50-SF
60	189317	ESS-60-SF	191002	ESV-60-SF
80	189321	ESS-80-SF	191006	ESV-80-SF
100	189325	ESS-100-SF	191010	ESV-100-SF
150	189329	ESS-150-SF	191014	ESV-150-SF
200	189333	ESS-200-SF	191018	ESV-200-SF
Nitrile rubber				
2	189264	ESS-2-SN	–	
4	189269	ESS-4-SN	–	
6	189274	ESS-6-SN	–	
8	189279	ESS-8-SN	–	
10	189284	ESS-10-SN	–	
15	189289	ESS-15-SN	–	
20	189294	ESS-20-SN	190979	ESV-20-SN
30	189299	ESS-30-SN	190984	ESV-30-SN
40	189304	ESS-40-SN	190989	ESV-40-SN
50	189309	ESS-50-SN	190994	ESV-50-SN
60	189314	ESS-60-SN	190999	ESV-60-SN
80	189318	ESS-80-SN	191003	ESV-80-SN
100	189322	ESS-100-SN	191007	ESV-100-SN
150	189326	ESS-150-SN	191011	ESV-150-SN
200	189330	ESS-200-SN	191015	ESV-200-SN
Butadiene rubber, anti-static				
2	189268	ESS-2-SNA	–	
4	189273	ESS-4-SNA	–	
6	189278	ESS-6-SNA	–	
8	189283	ESS-8-SNA	–	
10	189288	ESS-10-SNA	–	
15	189293	ESS-15-SNA	–	
20	189298	ESS-20-SNA	190983	ESV-20-SNA
30	189303	ESS-30-SNA	190988	ESV-30-SNA
40	189308	ESS-40-SNA	190993	ESV-40-SNA
50	189313	ESS-50-SNA	190998	ESV-50-SNA

For ESS-S... (round, flat)

Ordering data				
Suction cup ø [mm]	ESS Part no.	Type	ESV Part no.	Type
Silicone				
2	189266	ESS-2-SS	–	
4	189271	ESS-4-SS	–	
6	189276	ESS-6-SS	–	
8	189281	ESS-8-SS	–	
10	189286	ESS-10-SS	–	
15	189291	ESS-15-SS	–	
20	189296	ESS-20-SS	190981	ESV-20-SS
30	189301	ESS-30-SS	190986	ESV-30-SS
40	189306	ESS-40-SS	190991	ESV-40-SS
50	189311	ESS-50-SS	190996	ESV-50-SS
60	189316	ESS-60-SS	191001	ESV-60-SS
80	189320	ESS-80-SS	191005	ESV-80-SS
100	189324	ESS-100-SS	191009	ESV-100-SS
150	189328	ESS-150-SS	191013	ESV-150-SS
200	189332	ESS-200-SS	191017	ESV-200-SS
Polyurethane				
2	189265	ESS-2-SU	–	
4	189270	ESS-4-SU	–	
6	189275	ESS-6-SU	–	
8	189280	ESS-8-SU	–	
10	189285	ESS-10-SU	–	
15	189290	ESS-15-SU	–	
20	189295	ESS-20-SU	190980	ESV-20-SU
30	189300	ESS-30-SU	190985	ESV-30-SU
40	189305	ESS-40-SU	190990	ESV-40-SU
50	189310	ESS-50-SU	190995	ESV-50-SU
60	189315	ESS-60-SU	191000	ESV-60-SU
80	189319	ESS-80-SU	191004	ESV-80-SU
100	189323	ESS-100-SU	191008	ESV-100-SU
150	189327	ESS-150-SU	191012	ESV-150-SU
200	189331	ESS-200-SU	191016	ESV-200-SU

For ESS-E... (round, extra deep)

Ordering data				
Suction cup ø [mm]	ESS Part no.	Type	ESV Part no.	Type
Fluoro rubber				
15	189337	ESS-15-EF	–	
20	189341	ESS-20-EF	191026	ESV-20-EF
30	189345	ESS-30-EF	191030	ESV-30-EF
40	189349	ESS-40-EF	191034	ESV-40-EF
50	189353	ESS-50-EF	191038	ESV-50-EF
60	189357	ESS-60-EF	191042	ESV-60-EF
80	189361	ESS-80-EF	191046	ESV-80-EF
100	189365	ESS-100-EF	191050	ESV-100-EF
Nitrile rubber				
15	189334	ESS-15-EN	–	
20	189338	ESS-20-EN	191023	ESV-20-EN
30	189342	ESS-30-EN	191027	ESV-30-EN
40	189346	ESS-40-EN	191031	ESV-40-EN
50	189350	ESS-50-EN	191035	ESV-50-EN
60	189354	ESS-60-EN	191039	ESV-60-EN
80	189358	ESS-80-EN	191043	ESV-80-EN
100	189362	ESS-100-EN	191047	ESV-100-EN
Silicone				
15	189336	ESS-15-ES	–	
20	189340	ESS-20-ES	191025	ESV-20-ES
30	189344	ESS-30-ES	191029	ESV-30-ES
40	189348	ESS-40-ES	191033	ESV-40-ES
50	189352	ESS-50-ES	191037	ESV-50-ES
60	189356	ESS-60-ES	191041	ESV-60-ES
80	189360	ESS-80-ES	191045	ESV-80-ES
100	189364	ESS-100-ES	191049	ESV-100-ES
Polyurethane				
15	189335	ESS-15-EU	–	
20	189339	ESS-20-EU	191024	ESV-20-EU
30	189343	ESS-30-EU	191028	ESV-30-EU
40	189347	ESS-40-EU	191032	ESV-40-EU
50	189351	ESS-50-EU	191036	ESV-50-EU
60	189355	ESS-60-EU	191040	ESV-60-EU
80	189359	ESS-80-EU	191044	ESV-80-EU
100	189363	ESS-100-EU	191048	ESV-100-EU

For ESS-B... (round, protective bellows 1.5 convolutions)

Ordering data				
Suction cup Ø [mm]	ESS		ESV	
	Part no.	Type	Part no.	Type
Nitrile rubber				
10	189374	ESS-10-BN	–	
20	189378	ESS-20-BN	191054	ESV-20-BN
30	189382	ESS-30-BN	191057	ESV-30-BN
40	189386	ESS-40-BN	191060	ESV-40-BN
50	189390	ESS-50-BN	191063	ESV-50-BN
80	189394	ESS-80-BN	191066	ESV-80-BN
Silicone				
10	189376	ESS-10-BS	–	
20	189380	ESS-20-BS	191056	ESV-20-BS
30	189384	ESS-30-BS	191059	ESV-30-BS
40	189388	ESS-40-BS	191062	ESV-40-BS
50	189392	ESS-50-BS	191065	ESV-50-BS
80	189396	ESS-80-BS	191068	ESV-80-BS
Polyurethane				
10	189375	ESS-10-BU	–	
20	189379	ESS-20-BU	191055	ESV-20-BU
30	189383	ESS-30-BU	191058	ESV-30-BU
40	189387	ESS-40-BU	191061	ESV-40-BU
50	189391	ESS-50-BU	191064	ESV-50-BU
80	189395	ESS-80-BU	191067	ESV-80-BU

For ESS-B... (round, protective bellows 1.5 convolutions)

Ordering data					
Suction cup ø [mm]	Vacuum connection	ESS Part no.	Type	ESV Part no.	Type
40	M6	525989	ESS-40-BT-M6	–	
	M10	525990	ESS-40-BT-M10	–	
	G1/4 female thread	525991	ESS-40-BT-G1/4-I	–	
	G1/4 male thread	525992	ESS-40-BT-G1/4	–	
	–	–		526006	ESV-40-BT
50	M6	525993	ESS-50-BT-M6	–	
	M10	525994	ESS-50-BT-M10	–	
	G1/4 female thread	525995	ESS-50-BT-G1/4-I	–	
	G1/4 male thread	525996	ESS-50-BT-G1/4	–	
	–	–		526007	ESV-50-BT
80	M10	525997	ESS-80-BT-M10	–	
	G1/4 female thread	525998	ESS-80-BT-G1/4-I	–	
	G1/4 male thread	525999	ESS-80-BT-G1/4	–	
	–	–		526008	ESV-80-BT

For ESS-C... (round, protective bellows 3.5 convolutions)

Ordering data				
Suction cup Ø [mm]	ESS		ESV	
	Part no.	Type	Part no.	Type
Nitrile rubber				
10	189398	ESS-10-CN	–	
20	189400	ESS-20-CN	191071	ESV-20-CN
30	189402	ESS-30-CN	191073	ESV-30-CN
40	189404	ESS-40-CN	191075	ESV-40-CN
50	189406	ESS-50-CN	191077	ESV-50-CN
Silicone				
10	189399	ESS-10-CS	–	
20	189401	ESS-20-CS	191072	ESV-20-CS
30	189403	ESS-30-CS	191074	ESV-30-CS
40	189405	ESS-40-CS	191076	ESV-40-CS
50	189407	ESS-50-CS	191078	ESV-50-CS

For ESS-G... (round, bell-shaped)

Ordering data					
Suction cup ø [mm]	Vacuum connection	ESS Part no.	Type	ESV Part no.	Type
30	M6	525968	ESS-30-GT-M6	–	
	M10	525969	ESS-30-GT-M10	–	
	G1/8 female thread	525970	ESS-30-GT-G1/8-I	–	
	G1/8 male thread	525971	ESS-30-GT-G1/8	–	
	–	–		526000	ESV-30-GT
40	M6	525972	ESS-40-GT-M6	–	
	M10	525973	ESS-40-GT-M10	–	
	G1/4 female thread	525974	ESS-40-GT-G1/4-I	–	
	G1/4 male thread	525975	ESS-40-GT-G1/4	–	
	–	–		526001	ESV-40-GT
50	M6	525976	ESS-50-GT-M6	–	
	M10	525977	ESS-50-GT-M10	–	
	G1/4 female thread	525978	ESS-50-GT-G1/4-I	–	
	G1/4 male thread	525979	ESS-50-GT-G1/4	–	
	–	–		526002	ESV-50-GT
60	M10	525980	ESS-60-GT-M10	–	
	G1/4 female thread	525981	ESS-60-GT-G1/4-I	–	
	G1/4 male thread	525982	ESS-60-GT-G1/4	–	
	–	–		526003	ESV-60-GT
80	M10	525983	ESS-80-GT-M10	–	
	G1/4 female thread	525984	ESS-80-GT-G1/4-I	–	
	G1/4 male thread	525985	ESS-80-GT-G1/4	–	
	–	–		526004	ESV-80-GT
100	M10	525986	ESS-100-GT-M10	–	
	G1/4 female thread	525987	ESS-100-GT-G1/4-I	–	
	G1/4 male thread	525988	ESS-100-GT-G1/4	–	
	–	–		526005	ESV-100-GT