

Product Information |

Nonferrous Applications for the Americas



CHEMEX

Member of  Group

Feeding Systems for Nonferrous Applications

Insulating feeder recipes – High pressure resistant and fiber free

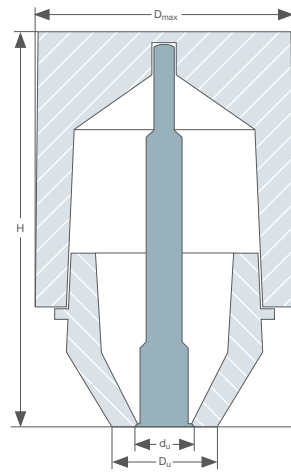
IMPERIAL

Tele-Feeder		State as delivered						ΔH and ΔV after compression				
								Middle		High		
Type		Modulus [in]	d _U [in]	D _U [in]	D _{max} [in]	H [in]	Vol.* [in³]	H1 [in]	Vol. 1** [in³]	H2 [in]	Vol. 2** [in³]	Shape
40-	15 (26)	0.45	0.59	1.02	2.48	4.06	3.72	3.47	2.62	3.27	2.26	CD
80-	18 (34)	0.55	0.71	1.34	2.87	4.53	6.77	3.94	4.88	3.54	3.66	CD
90-	18 (34)	0.59	0.71	1.34	2.87	5.32	8.30	4.72	6.41	4.33	5.25	CD
100-	25 (40)	0.66	0.98	1.58	3.15	5.20	9.09	4.41	5.86	4.02	4.45	CD
160-	18 (35)	0.69	0.71	1.38	3.15	5.95	11.17	5.16	11.17	4.76	7.69	CD
160-	25 (40)	0.69	0.98	1.58	3.15	5.95	11.17	5.16	11.17	4.76	7.69	CD
190-	30 (46)	0.69	1.18	1.81	4.53	4.33	13.18	3.54	7.51	3.54	7.51	CD
195-	22 (38)	0.73	0.87	1.50	3.70	5.47	15.99	4.69	11.59	4.29	9.46	CD
220-	25 (40)	0.80	0.98	1.58	4.09	6.18	22.52	5.39	16.72	5.00	13.85	CD
280-	30 (46)	0.83	1.18	1.81	4.09	7.36	28.07	6.58	22.27	6.18	19.47	CD
290-	40 (70)	0.97	1.58	2.76	5.04	6.10	29.29	5.12	18.49	6.10	14.28	CD
300-	40 (70)	1.04	1.58	2.76	5.04	7.01	36.98	6.02	26.18	5.63	21.97	CD
500-	70 (98)	1.11	2.76	3.86	6.10	6.18	45.71	5.20	29.54	4.80	23.13	CD
700-	40 (70)	1.14	1.58	2.76	5.04	8.47	50.65	7.48	39.85	7.09	35.64	CD
710-	45 / 20	1.21	1.77 x 0.79	2.76 x 1.77	6.3 x 4.33	8.47	54.31	7.48	43.45	7.09	39.12	CD
850-	70 (98)	1.28	2.76	3.86	6.10	7.76	62.43	6.77	46.26	6.38	39.91	CD

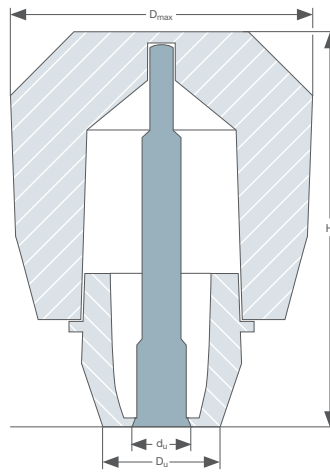
H Shape		State as delivered						
Type		Modulus [in]	Vol. [in³]	D _U [in]	d _U [in]	D _O [in]	d _O [in]	H [in]
H	40/150	0.31	13.30	2.44	1.58	2.17	1.50	5.83

EK SZP-Type		State as delivered							
Type		Modulus [in]	Vol. [in³]	D _U [in]	d _U [in]	D _O [in]	d _O [in]	H [in]	h [in]
EK	40/70 SZP	0.45	2.44	2.48	1.58	2.32	2.32	2.87	1.97
EK	50/80 SZP	0.55	4.49	2.87	2.05	2.76	3.05	3.15	1.89
EK	60/90 SZP	0.62	6.10	3.15	2.24	2.99	3.23	3.62	2.09
EK	100/110 SZP	0.94	20.00	5.04	3.82	4.69	5.68	4.33	2.36
EK	120/110 SZP	1.00	31.14	6.10	4.65	5.91	7.02	4.33	2.76
EK	100/170 SZP	1.07	33.82	5.04	3.82	4.69	5.68	6.69	2.56
EK	100/110 SZP	1.06	31.00	5.04	3.82	4.69	3.66	4.33	2.36
EK	120/110 SZP	1.14	48.27	6.10	4.65	5.91	4.53	4.33	2.76
EK	100/130 DF SZP	1.22	33.81	5.04	3.82	4.69	3.66	5.24	2.64
EK	100/170 SZP	1.22	52.42	5.04	3.82	4.69	3.66	6.69	2.56
EK	120/150 SZP	1.34	65.05	6.10	4.65	5.79	4.49	5.91	3.15
EK	120/200 SZP	1.50	85.19	6.10	4.65	5.71	4.49	7.87	3.15

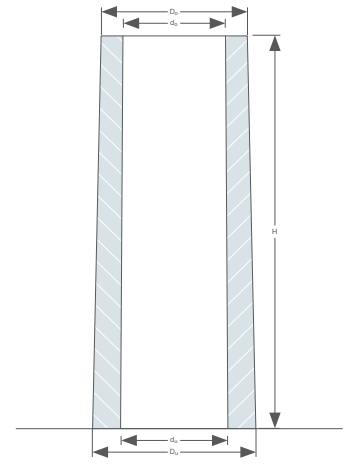
* Volume in state as delivered at feeder height H. | ** Volume after compression at feeder height H1/H2.



EK-Shape half section
Delivery height without compression



CD-Shape half section
Delivery height without compression



H Type half section

METRIC

Tele-Feeder	State as delivered						ΔH and ΔV after compression				
Type	Modulus [cm]	du [mm]	Du [mm]	Dmax [mm]	H [mm]	Vol.* [cm³]	H1 [mm]	Vol. 1** [cm³]	H2 [mm]	Vol. 2** [cm³]	Shape
40- 15 (26)	1.1	15	26	63	103	61	88	43	83	37	EK
80- 18 (34)	1.4	18	34	73	115	111	100	80	90	60	EK
90- 18 (34)	1.5	18	34	73	135	136	120	105	110	86	EK
100- 25 (40)	1.7	25	40	80	132	149	112	96	102	73	EK
160- 18 (35)	1.8	18	35	80	151	183	131	183	121	126	EK
160- 25 (40)	1.8	25	40	80	151	183	131	183	121	126	EK
190- 30 (46)	1.8	30	46	115	110	216	90	123	90	123	EK
195- 22 (38)	1.8	22	38	94	139	262	119	190	109	155	EK
220- 25 (40)	2.0	25	40	104	157	369	137	274	127	227	EK
280- 30 (46)	2.1	30	46	104	187	460	167	365	157	319	EK
290- 40 (70)	2.5	40	70	128	155	480	130	303	155	234	EK
300- 40 (70)	2.6	40	70	128	178	606	153	429	143	360	EK
500- 70 (98)	2.8	70	98	155	157	749	132	484	122	379	EK
700- 40 (70)	2.9	40	70	128	215	830	190	653	180	584	EK
710- 45 / 20	3.1	45 x 20	70 x 45	160 x 110	215	890	190	712	180	641	CD OV
850- 70 (98)	3.3	70	98	155	197	1023	172	758	162	654	EK

H Shape		State as delivered							
Type		Modulus [cm]	Vol. [cm³]	Du [mm]	du [mm]	Do [mm]	do [mm]	H [mm]	h [mm]
H	40/150	0.8	218	62	40	55	38	148	60

EK SZP-Type		State as delivered							
Type		Modulus [cm]	Vol. [cm³]	Du [mm]	du [mm]	Do [mm]	do [mm]	H [mm]	h [mm]
EK	40/70 SZP	1.1	62	63	40	59	38	73	50
EK	50/80 SZP	1.4	114	73	52	70	50	80	48
EK	60/90 SZP	1.6	155	80	57	76	53	92	53
EK	100/110 SZP	2.4	508	128	97	119	93	110	60
EK	120/110 SZP	2.6	791	155	118	150	115	110	70
EK	100/170 SZP	2.7	859	128	97	119	93	170	65

* Volume in state as delivered at feeder height H. | ** Volume after compression at feeder height H1/H2.

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