

Offering Customised Solutions

Binders, Coatings, Sleeves, Consumables for Foundry,
Powdered and Liquid Phenolic Resins
for other Industries





The Forace Advantage

Designing products to suit individual customer needs

Consistent quality

Prompt delivery

Wide network of field representatives – prompt response, easy accessibility



We Serve

Foundry Industry (Ferrous)	: Binders, Coatings, Sleeves and Consumables
Non Ferrous Industry	: Binders, Diecoats, Fluxes and Consumables
Refractory Industry	: Powdered and Liquid Phenolic Resins
Abrasive Industry	: Powdered and Liquid Phenolic Resins
Friction Industry	: Straight and Substituted Phenolics
Rubber Industry	: Straight and Substituted Phenolics
Bulb Sealing Compound	: Solid Phenolics
Resin Felt	: Powdered Phenolics (Fire Retardant Grade)
Resin for Floral Foam	: Liquid Phenolics
Filter Paper	: Solid & Liquid Phenolics
Scrub Pads	: Liquid Phenolics

Vision

Continuous striving for leadership in the field of speciality resins and foundry chemicals.

Striving

A state of mind throughout the organisation, never being satisfied with the status quo and constantly striving to be better and to do new things.

Leadership

Leadership in the eyes of our customers through our thoughts, behaviour, actions and achievements. Build stronger relationships with our existing customers and reach out to new customers through innovation.

Mission

To provide value to our customers and business partners with quality products, innovative solutions and responsive services.

Values

We believe, our customers define the success of our organisation. The customers are always at the top of our mind in everything we do.

Our people are the heart of the organisation, and we give them the freedom to achieve through clarity of direction and free flow of information.

We have a responsibility to make a positive contribution to the society by our business interfaces.

Profile

Forace Group was founded in the year 1980 to fill the gap of a reliable source of resins in North India. Since then, the organization has made exponential growth and has achieved a prominent place in the industry, exporting Resin to about 24 countries worldwide.

With excellent quality, remarkable performance, and satisfactory customer service, Forace Group has grown as the largest Phenolic, Furan Resins producer in the Indian subcontinent.

Forace Group Manufactures Refractory Coatings, Specialty Releases, Core Glues, and Foundry Consumables. A comprehensive range of consumables for the Non-Ferrous Industry, including High Pressure Die-Casting, Low Pressure Die-Casting, Gravity Die-Casting, Smelters and Extrusion.

Forace Group manufactures Specialty Resin Coated Sand for making intricate Ferrous/Non-Ferrous castings.

Forace Group also supply high-quality Specialty Phenolic Resin to various industries like Refractory, Abrasives, Friction, Rubber, Filter paper, Resin Felt, Resin for Floral foam, Scrub pads, Glass Fibre Reinforcement Composite panels, and Bulb sealing compound.

Forace Group is a partner with 17 leading global companies and provides its products and solutions to its customers.



Facilities

Equipped with state-of-the-art DCS controlled fully automatic manufacturing facilities, company has an installed capacity of 1,20,000 MT of binders in wide range.

Company is producing full range of coatings and sleeves for Foundries with most modern equipment, having installed capacity of 30,000 MT per annum.

Resin Coated Sand plant put up with latest technology has installed capacity of 36,000 MT per annum.

Company also serves Non-Ferrous consumables with a 12,000 MT per annum plant producing Non- Ferrous consumables.

Company has Coating & Consumables plant at South Africa having capacity 6,000 MT per annum.

Forace Group has got latest technologies SAP HANNA, Distributed Control System (DCS), Warehouse Management System (WMS) for automation and traceability.

The technically competent workforce that operates the Forace plant round-the-clock to facilitate smooth execution of all assignments is the biggest strength of the company.

In addition, the business associates of forace have privilege access to pool of Technical Experts, who are ever ready to assist in finding solutions promptly and effectively.



Quality

We are an ISO 9001-2015 certified company, committed to supply quality products, strictly as per customer requirements. We have fully-equipped laboratories with advance equipment's like Gas Chromatography (GC), Gel Permeation Chromatography (GPC) for ensuring consistent quality to ensure strict quality control at all stages from raw material to finished product, ensuring complete traceability by use of QR code from raw material to finished goods.

Our products are being used in majority of sophisticated applications like automotive, power, railways, refractory, defence, etc. and qualify the stringent quality requirements.

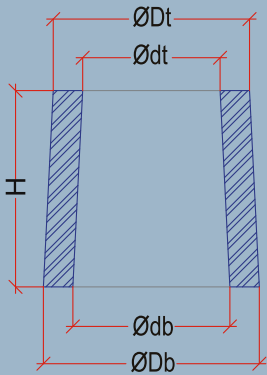
Forace Group is on SAP S4 Hana which enables full traceability and consistency.



FOREX 800 (XP)

FOREX 800 (XP) are a range of highly exothermic and insulating feeder sleeves used to feed all types of iron and steel castings having MEF range 1.7-1.8.

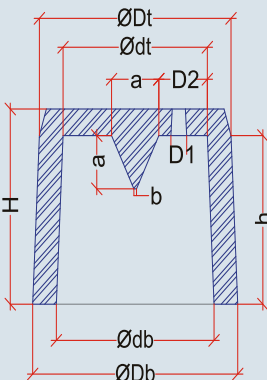
These feeder sleeves are available in OPEN , BLIND, NECK DOWN AND OVAL SHAPES and are available in diameters from 25mm to 150mm.



Product Name : FOREX 800 (XP)

Product Description : Highly Exothermic Open Sleeve size upto 6"

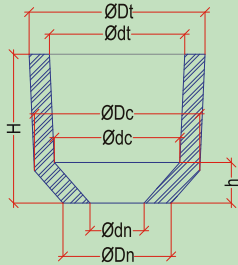
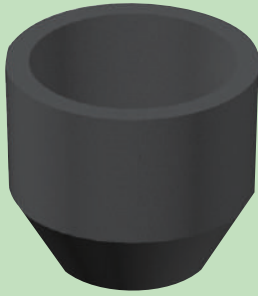
Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)				
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	H
30x75 (O)	9.64	5.36	37	27	47	23	43	75
40x75 (O)	13.79	7.66	87	41.5	62.5	35.5	56.5	75
50x75 (O)	16.88	9.38	147	52	73.5	48	69.5	75
50x100 (O)	17.86	9.92	193	52	73.5	47	68.5	100
60x75 (O)	18.11	10.06	178	57.5	80	52.5	75	75
65x100 (O)	21.17	11.76	297	64	88.5	59	83.5	100
70x100 (O)	22.65	12.58	355	69.5	94	65	89.5	100
80x100 (O)	24.60	13.67	445	79	104	71.5	96.5	100
80x125 (O)	26.03	14.46	556	79	104	71.5	96.5	125
80x150 (O)	27.07	15.04	668	79	107	71.5	100	150
90x150 (O)	29.81	16.56	852	89	118	81	111	150
100x150 (O)	32.21	17.89	1041	97	127.5	91	121.5	150
120x150 (O)	36.94	20.52	1505	116	148	110	142	150
130x150 (O)	38.69	21.49	1711	124	158	117	151	150
140x150 (O)	41.47	23.04	2084	136	171	130	165	150
150x150 (O)	43.47	24.15	2393	146	182	139	175	150



Product Name : FOREX 800 (XP)

Product Description : Highly Exothermic Blind Sleeve

Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)						William's Wedge Dimensions (mm)		Vent Hole Dimensions (mm)	
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	h	H	a	b	ØD1	ØD2
35x50 (B)	9.84	5.3	31	35	47.5	30.5	44	39.5	49.5	12	2	-	-
30x80 (B)	9.05	5.1	34	27	47	23	43	72	80	10	2	5	4
40x70 (B)	12.49	6.9	68	41.5	62.5	35.5	56.5	62	71.5	14	2	7	5
50x80 (B)	15.66	8.7	131	52	73.5	48	69.5	70	80	16	2	10	8
50x110 (B)	16.86	9.4	184	52	73.5	47	68.5	100	110	18	2	10	8
60x90 (B)	17.31	9.6	177	57.5	80	52.5	75	78.5	91	18	2	10	8
70x100 (B)	20.61	11.5	294	69.5	94	65	89.5	87	99	20	3	12	10
80x110 (B)	23.01	12.9	410	79	104	71.5	96.5	96.5	109	22	3	14	12
80x140 (B)	24.58	13.9	537	79	104	71.5	96.5	125	138	22	3	14	12
80x170 (B)	25.57	14.5	646	79	104	71.5	96.5	150	163	24	3	16	14
90x120 (B)	25.68	14.4	567	89	115	81	106	104.5	120	24	3	16	14
90x170 (B)	28.15	15.9	821	89	115	81	107	150	164	26	3	18	16
100x130 (B)	28.57	16.1	785	97	127.5	91	121.5	118	133.5	26	3	18	16
100x170 (B)	30.42	17.2	1002	97	127.5	91	121.5	150	165	28	3	18	16
120x150 (B)	33.89	19.2	1302	118	154.5	112	148	130	150	28	3	18	16
120x170 (B)	34.88	19.8	1457	116	148	110	142	150	165	28	3	18	16
130x170 (B)	36.54	20.8	1660	124	158	117	151	150	165	28	3	20	18
140x170 (B)	39.16	22.3	2018	136	170	130	165	150	165	30	4	20	18
150x170 (B)	41.06	23.4	2322	146	182	139	175	150	165	30	4	22	20



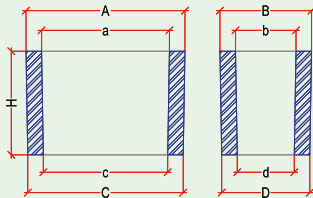
Product Name : FOREX 800 (XP)

Product Description : Highly Exothermic Neck down upto 6"

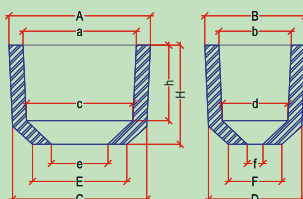
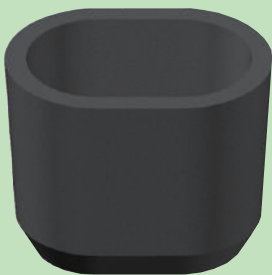
Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)							
	Effective	Geometric		Ødt	ØDt	ØDc	Ødc	ØDn	Ødn	h	H
ND 1.5	12.42	6.9	55	38	58	53	33	40	20	12	60
ND 2	15.3	8.5	86	50	73.1	64.4	42	48.1	20	15.7	60
ND 2.5	20.16	11.2	216	63	87.5	82.5	58.5	56	30	23	85
ND 3	22.5	12.5	291	75	101.6	92.5	67	61.74	30	26.42	87
ND 4	30.24	16.8	697	100	130	121.5	92	76.62	40	37.13	115
ND 5	37.26	20.7	1310	127	159	150.5	119	89.06	50	49.27	135
ND 6	44.1	24.5	2193	150	186	177.6	142	103.95	60	58.5	160

Product Name : FOREX 800 (XP)

Product Description : Highly Exothermic Oval Open Sleeve



Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)								
	Effective	Geometric		a	A	b	B	c	C	d	D	H
2x4x4 (OL)	22.22	13.89	472	100	134	50	84	104	130	54	80	100
2.5x5x5 (OL)	27.76	17.35	919	125	161	63	99	129	157	67	95	125
2.5x7x5 (OL)	32.35	20.22	1184	178	212	46	80	190	224	64	98	125
3x6x6 (OL)	33.12	20.7	1565	150	188	75	113	154	184	79	109	150
3.5x6.5x6 (OL)	36.00	22.5	1994	165	202	88	126	169	199	92	122	150
4x7x6 (OL)	38.13	23.83	2373	175	219	100	144	179	215	104	140	150
5x7x6 (OL)	40.32	25.2	2852	175	219	125	169	179	215	129	165	150
6x8x6 (OL)	41.78	27.85	3862	200	248	150	198	204	244	154	194	150
7x10x8 (OL)	52.35	34.9	7576	250	302	175	227	254	298	179	223	200



Product Name : FOREX 800 (XP)

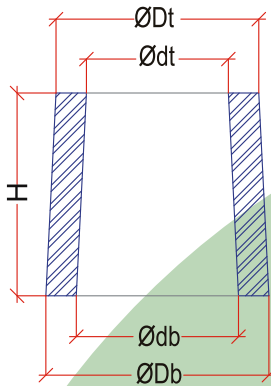
Product Description : Highly Exothermic Oval Neck down sleeve

Sleeve Size	Volume (cc)	Nominal Dimensions (mm)													
		a	A	b	B	c	C	d	D	e	E	f	F	h	H
ND 75x90 (OL)	265	81	103	51	73	75	97	45	67	55	81	20	46	73	90
ND 80x100 (OL)	330	86	110	52	76	80	104	46	70	51	81	20	47	82	102
ND 85x75 (OL)	391	95	125	58	88	85	115	48	78	68	98	31	61	60	75

FOREX 400

FOREX 400 are a range of exothermic and insulating feeder sleeves used to feed all types of iron and steel castings having MEF range 1.5-1.6.

These feeder sleeves are available in OPEN , BLIND, NECK DOWN Shapes and are available in diameters from 25mm to 150mm.



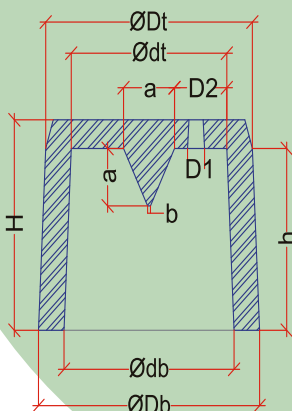
Product Name : FOREX 400

Product Description : Exothermic Open Sleeve size upto 6"

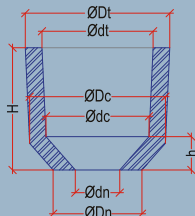
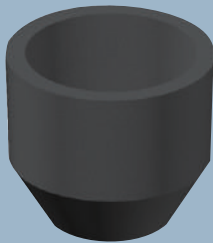
Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)				
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	H
30x75 (O)	8.57	5.36	37	27	47	23	43	75
40x75 (O)	12.25	7.66	87	41.5	62.5	35.5	56.5	75
50x75 (O)	15.00	9.38	147	52	73.5	48	69.5	75
50x100 (O)	15.87	9.92	193	52	73.5	47	68.5	100
60x75 (O)	16.10	10.06	178	57.5	80	52.5	75	75
65x100 (O)	18.81	11.76	297	64	88.5	59	83.5	100
70x100 (O)	20.13	12.58	355	69.5	94	65	89.5	100
80x100 (O)	23.87	13.67	445	79	104	71.5	96.5	100
80x125 (O)	23.14	14.46	556	79	104	71.5	96.5	125
80x150 (O)	24.06	15.04	668	79	107	71.5	100	150
90x150 (O)	26.49	16.56	852	89	118	81	111	150
100x150 (O)	28.63	17.89	1041	97	127.5	91	121.5	150
120x150 (O)	32.83	20.52	1505	116	148	110	142	150
130x150 (O)	34.39	21.49	1711	124	158	117	151	150
140x150 (O)	36.86	23.04	2084	136	171	130	165	150
150x150 (O)	38.64	24.15	2393	146	182	139	175	150

Product Name : FOREX 400

Product Description : Exothermic Blind Sleeve



Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)						William's Wedge Dimensions (mm)		Vent Hole Dimensions (mm)	
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	h	H	a	b	ØD1	ØD2
35x50 (B)	9.26	5.79	31	35	47.5	30.5	44	39.5	49.5	12	2	-	-
30x80 (B)	8.52	5.33	34	27	47	23	43	72	80	10	2	5	4
40x70 (B)	11.75	7.34	68	41.5	62.5	35.5	56.5	62	71.5	14	2	7	5
50x80 (B)	14.75	9.21	131	52	73.5	48	69.5	70	80	16	2	10	8
50x110 (B)	15.87	9.92	184	52	73.5	47	68.5	100	110	18	2	10	8
60x90 (B)	16.29	10.18	177	57.5	80	52.5	75	78.5	91	18	2	10	8
70x100 (B)	19.40	12.13	294	69.5	94	65	89.5	87	99	20	3	12	10
80x110 (B)	21.66	13.54	410	79	104	71.5	96.5	96.5	109	22	3	14	12
80x140 (B)	23.14	14.46	537	79	104	71.5	96.5	125	138	22	3	14	12
80x170 (B)	24.06	15.04	646	79	104	71.5	96.5	150	163	24	3	16	14
90x120 (B)	24.17	15.11	567	89	115	81	106	104.5	120	24	3	16	14
90x170 (B)	26.49	16.56	821	89	115	81	107	150	164	26	3	18	16
100x130 (B)	26.89	16.81	785	97	127.5	91	121.5	118	133.5	26	3	18	16
100x170 (B)	28.63	17.89	1002	97	127.5	91	121.5	150	165	28	3	18	16
120x150 (B)	31.89	19.93	1302	118	154.5	112	148	130	150	28	3	18	16
120x170 (B)	32.83	20.52	1457	116	148	110	142	150	165	28	3	18	16
130x170 (B)	34.39	21.49	1660	124	158	117	151	150	165	28	3	20	18
140x170 (B)	36.86	23.04	2018	136	170	130	165	150	165	30	4	20	18
150x170 (B)	38.64	24.15	2322	146	182	139	175	150	165	30	4	22	20



Product Name : FOREX 400

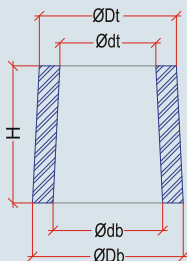
Product Description : Exothermic Neck down upto 6"

Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)							
	Effective	Geometric		Ødt	ØDt	ØDc	Ødc	ØDn	Ødn	h	H
ND 1.5	11.04	6.9	55	38	58	53	33	40	20	12	60
ND 2	13.6	8.5	86	50	73.1	64.4	42	48.1	20	15.7	60
ND 2.5	17.92	11.2	216	63	87.5	82.5	58.5	56	30	23	85
ND 3	20	12.5	291	75	101.6	92.5	67	61.74	30	26.42	87
ND 4	26.88	16.8	697	100	130	121.5	92	76.62	40	37.13	115
ND 5	33.12	20.7	1310	127	159	150.5	119	89.06	50	49.27	135
ND 6	39.2	24.5	2193	150	186	177.6	142	103.95	60	58.5	160

FOREX 200

FOREX 100 are a range of exothermic and insulating feeder sleeves used to feed all types of iron and steel castings having MEF range 1.45-1.5.

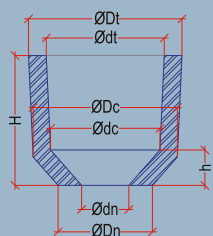
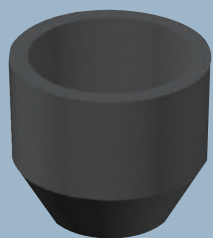
These feeder sleeves are available in OPEN and NECK DOWN Shapes and are available in diameters from 180mm to 400mm.



Product Name : FOREX 200

Product Description : Exothermic Open Sleeve size above 6"

Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)				
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	H
180x150 (O)	41.48	28.61	4030	190	223	180	213	150
200x150 (O)	44.15	30.45	4948	210	246	200	236	150
225x150 (O)	47.19	32.55	6229	235	273	225	263	150
150x200 (O)	40.50	27.93	3772	160	190	150	180	200
180x200 (O)	45.85	31.62	5372	190	223	180	213	200
200x200 (O)	49.13	33.88	6598	210	246	200	236	200
225x200 (O)	52.94	36.51	8305	235	273	225	263	200
250x200 (O)	56.45	38.93	10209	260	300	250	290	200
275x200 (O)	59.71	41.18	12309	285	327	275	317	200
300x200 (O)	62.73	43.26	14605	310	355	300	345	200
325x200 (O)	65.55	45.21	17097	335	380	325	370	200
350x200 (O)	68.18	47.02	19786	360	409	350	399	200
375x200 (O)	70.64	48.72	22671	385	434	375	424	200
400x200 (O)	72.95	50.31	25752	410	459	400	449	200



Product Name : FOREX 200

Product Description : Exothermic Neck down above 6"

Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)				
	Effective	Geometric		Ødc	Ødn	h'	H	T
ND 150	40.60	28	3483	150	75	75	200	6
ND 180	43.50	30	4180	180	90	90	200	6
ND 200	46.40	32	5007	200	100	100	200	6
ND 225	49.30	34	6105	225	112	112	200	6
ND 250	51.48	35.5	7300	250	125	125	200	6
ND 275	53.65	37	8447	275	138	138	200	6
ND 300	55.10	38	9440	300	150	150	200	6

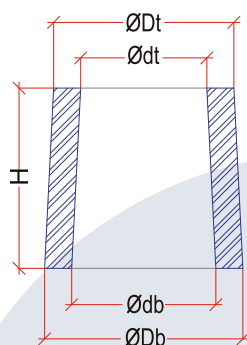
FORIN 1001 (XP)

FORIN 1001 are a range of insulating feeder sleeves used to feed all types of iron and steel castings having MEF range 1.4-1.5.

These feeder sleeves are available in OPEN, BLIND, NECK DOWN AND OVAL available in diameters from 25mm to 150mm.

Product Name : FORIN 1001 (XP)

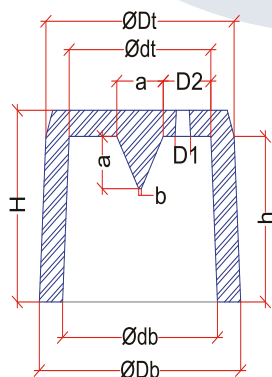
Product Description : Insulating Open Sleeve size upto 6"



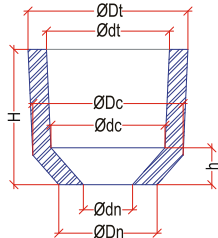
Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)				
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	H
30x75 (O)	8.04	5.36	37	27	47	23	43	75
40x75 (O)	11.49	7.66	87	41.5	62.5	35.5	56.5	75
50x75 (O)	14.06	9.38	147	52	73.5	48	69.5	75
50x100 (O)	14.88	9.92	193	52	73.5	47	68.5	100
60x75 (O)	15.09	10.06	178	57.5	80	52.5	75	75
65x100 (O)	17.64	11.76	297	64	88.5	59	83.5	100
70x100 (O)	18.87	12.58	355	69.5	94	65	89.5	100
80x100 (O)	20.50	13.67	445	79	104	71.5	96.5	100
80x125 (O)	21.69	14.46	556	79	104	71.5	96.5	125
80x150 (O)	22.56	15.04	668	79	107	71.5	100	150
90x150 (O)	24.84	16.56	852	89	118	81	111	150
100x150 (O)	26.84	17.89	1041	97	127.5	91	121.5	150
120x150 (O)	30.78	20.52	1505	116	148	110	142	150
130x150 (O)	32.24	21.49	1711	124	158	117	151	150
140x150 (O)	34.56	23.04	2084	136	171	130	165	150
150x150 (O)	36.23	24.15	2393	146	182	139	175	150

Product Name : FORIN 1001 (XP)

Product Description : Insulating Blind Sleeve



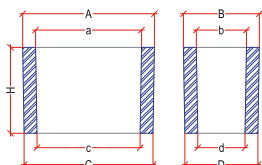
Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)						William's Wedge Dimensions (mm)		Vent Hole Dimensions (mm)	
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	h	H	a	b	ØD1	ØD2
35x50 (B)	7.95	5.3	31	35	47.5	30.5	44	39.5	49.5	12	2	-	-
30x80 (B)	7.65	5.1	34	27	47	23	43	72	80	10	2	5	4
40x70 (B)	10.35	6.9	68	41.5	62.5	35.5	56.5	62	71.5	14	2	7	5
50x80 (B)	13.05	8.7	131	52	73.5	48	69.5	70	80	16	2	10	8
50x110 (B)	14.10	9.4	184	52	73.5	47	68.5	100	110	18	2	10	8
60x90 (B)	14.40	9.6	177	57.5	80	52.5	75	78.5	91	18	2	10	8
70x100 (B)	17.25	11.5	294	69.5	94	65	89.5	87	99	20	3	12	10
80x110 (B)	19.35	12.9	410	79	104	71.5	96.5	96.5	109	22	3	14	12
80x140 (B)	20.85	13.9	537	79	104	71.5	96.5	125	138	22	3	14	12
80x170 (B)	21.75	14.5	646	79	104	71.5	96.5	150	163	24	3	16	14
90x120 (B)	21.60	14.4	567	89	115	81	106	104.5	120	24	3	16	14
90x170 (B)	23.85	15.9	821	89	115	81	107	150	164	26	3	18	16
100x130 (B)	24.15	16.1	785	97	127.5	91	121.5	118	133.5	26	3	18	16
100x170 (B)	25.80	17.2	1002	97	127.5	91	121.5	150	165	28	3	18	16
120x150 (B)	28.80	19.2	1302	118	154.5	112	148	130	150	28	3	18	16
120x170 (B)	29.70	19.8	1457	116	148	110	142	150	165	28	3	18	16
130x170 (B)	31.20	20.8	1660	124	158	117	151	150	165	28	3	20	18
140x170 (B)	33.45	22.3	2018	136	170	130	165	150	165	30	4	20	18
150x170 (B)	35.10	23.4	2322	146	182	139	175	150	165	30	4	22	20



Product Name : FORIN 1001 (XP)
Product Description : Insulating Neck down upto 6"

Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)							
	Effective	Geometric		Ødt	ØDt	ØDc	Ødc	ØDn	Ødn	h	H
ND 1.5	10.35	6.9	55	38	58	53	33	40	20	12	60
ND 2	12.75	8.5	86	50	73.1	64.4	42	48.1	20	15.7	60
ND 2.5	16.8	11.2	216	63	87.5	82.5	58.5	56	30	23	85
ND 3	18.75	12.5	291	75	101.6	92.5	67	61.74	30	26.42	87
ND 4	25.2	16.8	697	100	130	121.5	92	76.62	40	37.13	115
ND 5	31.05	20.7	1310	127	159	150.5	119	89.06	50	49.27	135
ND 6	36.75	24.5	2193	150	186	177.6	142	103.95	60	58.5	160

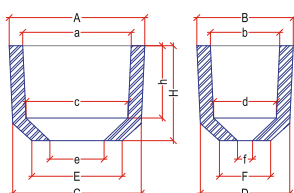
Product Name : FORIN 1001 (XP)
Product Description : Insulating Ovel Open Sleeve



Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)								
	Effective	Geometric		a	A	b	B	c	C	d	D	H
2x4x4 (OL)	20.85	13.9	472	100	134	50	84	104	130	54	80	100
2.5x5x5 (OL)	26.01	17.34	919	125	161	63	99	129	157	67	95	125
2.5x7x5 (OL)	30.32	20.21	1184	178	212	46	80	190	224	64	98	125
3x6x6 (OL)	31.08	20.72	1565	150	188	75	113	154	184	79	109	150
3.5x6.5x6 (OL)	33.74	22.49	1994	165	202	88	126	169	199	92	122	150
4x7x6 (OL)	35.72	23.81	2373	175	219	100	144	179	215	104	140	150
5x7x6 (OL)	37.83	25.22	2852	175	219	125	169	179	215	129	165	150
6x8x6 (OL)	38.96	27.83	3862	200	248	150	198	204	244	154	194	150
7x10x8 (OL)	48.87	34.91	7576	250	302	175	227	254	298	179	223	200



Product Name : FORIN 1001 (XP)
Product Description : Insulating Ovel Neck down Sleeve

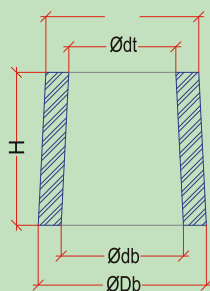


Sleeve Size	Volume (cc)	Nominal Dimensions (mm)													
		a	A	b	B	c	C	d	D	e	E	f	F	h	H
ND 75x90 (OL)	265	81	103	51	73	75	97	45	67	55	81	20	46	73	90
ND 80x100 (OL)	330	86	110	52	76	80	104	46	70	51	81	20	47	82	102
ND 85x75 (OL)	391	95	125	58	88	85	115	48	78	68	98	31	61	60	75

FORIN 2001

FORIN 2001 are a range of insulating feeder sleeves used to feed all types of iron and steel castings having MEF range 1.4-1.45.

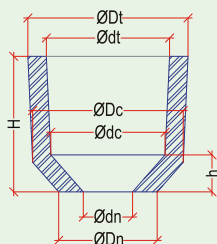
These feeder sleeves are available in OPEN, BLIND, NECK DOWN Shapes and are sizes are available in diameters from 180mm to 400mm.



Product Name : FORIN 2001

Product Description : Insulating Open Sleeve Size above 6"

Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)				
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	H
180x150 (O)	40.05	28.61	4030	190	223	180	213	150
200x150 (O)	42.63	30.45	4948	210	246	200	236	150
225x150 (O)	45.57	32.55	6229	235	273	225	263	150
150x200 (O)	39.10	27.93	3772	160	190	150	180	200
180x200 (O)	44.27	31.62	5373	190	223	180	213	200
200x200 (O)	47.43	33.88	6598	210	246	200	236	200
225x200 (O)	51.11	36.51	8305	235	273	225	263	200
250x200 (O)	54.50	38.93	10209	260	300	250	290	200
275x200 (O)	57.65	41.18	12309	285	327	275	317	200
300x200 (O)	60.56	43.26	14605	310	355	300	345	200
325x200 (O)	63.29	45.21	17097	335	380	325	370	200
350x200 (O)	65.83	47.02	19786	360	409	350	399	200
375x200 (O)	68.21	48.72	22671	385	434	375	424	200
400x200 (O)	70.43	50.31	25752	410	459	400	449	200



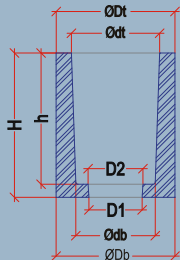
Product Name : FORIN 2001

Product Description : Insulating Neck down above 6"

Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)				
	Effective	Geometric		Ødc	Ødn	h'	H	T
ND 150	39.20	28	3483	150	75	75	200	6
ND 180	42.00	30	4180	180	90	90	200	6
ND 200	44.80	32	5007	200	100	100	200	6
ND 225	47.60	34	6105	225	112	112	200	6
ND 250	49.70	35.5	7300	250	125	125	200	8
ND 275	51.80	37	8447	275	138	138	200	8
ND 300	53.20	38	9440	300	150	150	200	8

FORPOUR

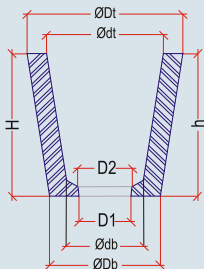
FORPOUR is range of Exothermic and Insulating direct pour feeder filter system all grades and types of steel and iron castings with MEF range of around 1.5. FORPOUR is available from filter diameters of 40mm to 90mm in Reverse Taper and Parallel Taper type of units.



Product Name : FORPOUR-RT

Product Description : Direct pour filter Sleeve-Reverse taper

Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)							
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	h	H	D1	D2
DP 30x100	11.1	7.4	89	32	63	39	58	90	100	23	25
DP 40x100	13.8	9.2	147	44	78	50	72	85	95	30	32
DP 40x125	14.52	9.68	195	43	78	50	72	115	125	30	32
DP 50x93	15.3	10.2	194	53	80	57.5	75	81	93	40	42
DP 50x125	17.175	11.45	291	54	87	61	83	112	128	40	42
DP 50x150	18	12	371	54	90	62	84	138	150	37	40
DP 60x150	20.475	13.65	501	64	100	72	94	138	150	47	50
DP 60x200	22.35	14.9	732	65	109	77	101	185	200	47	50
DP 70x175	23.685	15.79	779	75	114	83	107	161	175	54	56
DP 80x200	27.075	18.05	1163	84	139	95	120	185	200	58	62
DP 90x200	29.55	19.7	1452	94	139	106	132	185	200	68	72



Product Name : FORPOUR-PT

Product Description : Direct pour filter Sleeve-Parallel taper

Sleeve Size	Modulus (mm)		Volume (cc)	Nominal Dimensions (mm)							
	Effective	Geometric		Ødb	ØDb	Ødt	ØDt	h	H	D1	D2
DP 40x125	15.624	10.08	216	42	60	58	76	110	120	30	32
DP 50x150	19.685	12.7	420	52.5	72	72	92	138	150	37	40
DP 60x150	22.32	14.4	573	63	85	83	105	137	150	45	49
DP 70x175	25.575	16.5	859	72.5	95	95	119	156	170	54	58

HD SLEEVES from FaprosidSrl, Italy

Exclusive distributorship of HD sleeve from FaprosidSrl for proving solution for making precision castings and for achieving high yield of molten metal.

Available modulus range from 0.85cm to 4.2cm or metal volume range from 16CC to 770CC.

SLEEVES EXO30 L - specially used for spheroidal graphite cast iron and steel castings.

SLEEVES EXO30 MT - specially used for High Pressure Molding lines

BREAKER CORES & COVERS

Safety, Health and Environment

With strong principles of social commitment embedded within the company, all measures are taken to ensure perfect harmony with the delicate ecology surrounding the plant. As a part of its responsibility, the company has maintained 10,000 green trees surrounding the plant premises. Proper precautions are taken to ensure that there is no adverse impact on natural resources. Adequate standards are followed in handling solvents and hazardous chemicals.

Our technology development team continuously upgrades product formulations with a view to minimise free monomers, BTX solvents, so as to control deterioration of environment at workplace.





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