

PIPES 01

ESD PIPE

STANDARD PIPE

STAINLESS PIPE



LOGIFORM PIPE

is steel pipe with a synthetic plastic resin coated outer surface.


LOGIFORM PIPE는

표면에 합성 플라스틱을 피복한 스틸파이프입니다.

- Highly resistant heat level : Up to max. 100 degrees Celsius / 우수한 내열성 (100°C 까지 사용 가능, 제한적)
- Highly durable under the oily work environment / 우수한 내유성
- Relatively better chemical resistance / 화학적 안정성
- Less amount of the poisonous substance emitted from the use of the Synthetic resin / 무독성







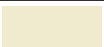
파이프 구조











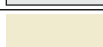

 Packing Unit	LP	- 1 1 0 0 V
	LOGIFORM PRODUCT CODE (파이프분류)	THICKNESS COLORS (파이프두께) (파이프컬러)
· 1 Bar (1본) = 4M · 1 Bundle (1묶음) = 10 Bars		

PIPES (LOGIFORM PIPE STANDARD COLORS)

STANDARD PRODUCTION LINE-UP

DESCRIPTION	COLOR			THICKNESS					
				0.7T	0.9T	1.0T	1.1T	1.4T	2.0T
LOGIFORM PIPE	IVORY	(IV)				●		●	●
	WHITE	(WH)				●		●	●
	GRAY	(GR)				●		●	●
	BLUE	(BL)				●		●	●
	BLACK	(BK)				●		●	●
CONDUCTIVE PIPE	BLACK	(BK)				●		●	●
SLIDE PIPE	IVORY	(IV)				●		●	●
STAINLESS PIPE	200			●	●		●		
	300						●		
	400			●	●		●		

OPTIONS

DESCRIPTION	COLOR			THICKNESS			
				1.0T	1.4T	1.5T	2.0T
LOGIFORM PIPE	DEEP GRAY	(EG)		●	●		●
	BLACK	(BK)		●	●		●
	SKY BLUE	(SB)		●	●		●
	DARK BLUE	(DB)		●	●		●
	GREEN	(GN)		●	●		●
	RED	(RD)		●	●		●
	DARK YELLOW	(DY)		●	●		●
	DARK GRAY	(DG)		●	●		●
	BROWN	(BN)		●	●		●
CONDUCTIVE PIPE	BLACK	(BK)		●	●		●
SLIDE PIPE	GRAY	(GR)		●	●		●
ALUMINUM PIPE	SILVER					●	
ANTISTATIC PIPE	IVORY	(IV)		●	●		●
	GRAY	(GR)		●	●		●
PEARL PIPE	GOLD	(GD)		●	●		●
	SILVER	(SV)		●	●		●

※ Color / Quantity / Lead time / Stock / etc. must be discussed prior to purchase

※ For any other inquiry, please contact us at hbl@hbjoint.com

LOGIFORM PIPE



PRODUCT CODE	THICKNESS (Steel)	WEIGHT
LP-1100	1t	676g/m
LP-1140	1.4t	930g/m
LP-1200	2t	1,265g/m

EX)LP-1100IV



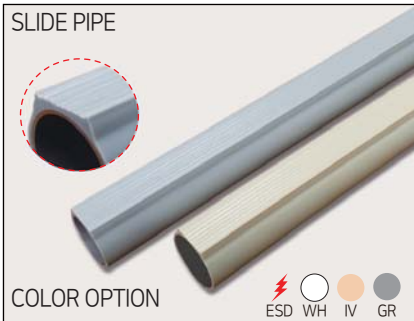
PRODUCT CODE	THICKNESS (Steel)	WEIGHT
CP-1100	1t	676g/m
CP-1140	1.4t	930g/m
CP-1200	2t	1,265g/m

EX)CP-1100BK



PRODUCT CODE	THICKNESS (Steel)	WEIGHT
AP-1100	1t	676g/m
AP-1140	1.4t	930g/m
AP-1200	2t	1,265g/m

EX)AP-1100GR



PRODUCT CODE	THICKNESS (Steel)	WEIGHT
SL-1100	1t	767g/m
SL-1140	1.4t	1,021g/m
SL-1200	2t	1,356g/m

EX)SL-1100IV



PRODUCT CODE	THICKNESS (Stainless)	WEIGHT
ST-1070 Grade classification : 200/400	0.7t	448g/m
ST-1090 Grade classification : 200/400	0.9t	570g/m
ST-1110 Grade classification : 200/300/400	1.1t	708g/m

EX)ST-1070



PRODUCT CODE	THICKNESS (Aluminium)	WEIGHT
AL-1150	1.5t	380g/m



PRODUCT CODE	THICKNESS (Aluminium)	WEIGHT
ASP-1120	1.2t	347g/4m
ASP-1200	2.0t	415g/4m
ASP-1280	2.8t	476g/4m
ACP-1120	1.2t	720g/4m

※ The specification may be subject to change without any prior notice.

PIPES

ESD PIPE ⚡



ANTISTATIC PIPE

- Surface Resistance (표면저항)
- $10^8 \Omega \sim 10^{10} \Omega$
- Color Option
- Gray / Ivory



CONDUCTIVE PIPE

- Surface Resistance (표면저항)
- $10^3 \Omega \sim 10^6 \Omega$
- Color Option
- Black

STAINLESS PIPE ⚡



- Easy to clean
- 고광택, 먼지 미흡착
- Conductive
- 정전기 미발생
- Highly resistant against oil and chemical substances
- 내약품성 내식성임

· Stainless pipes of the grades other than 304 may be vulnerable to rust - 201, 400 계열은 습기가 많은 장소에서 녹이 발생할 수도 있음.

COMPARISON TABLE OF LOGIFORM PIPE Vs. ABS COATED PIPE

MEDICINE (약 품 명)	RESULT (결과)		MEDICINE (약 품 명)	RESULT (결과)	
	Q-PIPE	ABS		Q-PIPE	ABS
WD-20(방청유)	△	△	Malic acid(10%)(사과산)	○	○
Sodium chloride(땀)	○	X	Menthol(소독약)	○	△
Break oil	○	X	Mercury(수은)	○	○
UV(자외선)	△	△	Mercury chloride(염화수은)	○	○
Cutting oil(절삭유)	○	X	Mesityl oxide(불포화케톤)	△	X
Table ware cleaser(식기용)	○	△	Methanol(유기알콜)	○	△
Washable cleaser(세탁용)	○	○	Methylene chloride(M.C)	△	X
Toilet cleaser(화장실용)	○	○	Thynner(신너)	○	X
M.E.K	△	X	Acetone(리무버)	○	X
Ethylene glycol(부동액)	○	○	Paint	○	X
Missoin oil(기어유)	○	X	Animal fat oil(동물성기름)	○	△
Toluene	○	X	Vegetable oil(식물성기름)	○	○

- ○ = Negative - High Chemical Resistance (변화없음 - 내화학성 강함)
- △ = Partially affected but usable - Limiting Chemical Resistance (부분적으로 변화는 있으나 사용가능 - 제한적 내화학성)
- X = ABS resin melted or crack occurred - No chemical resistance (Coating층이 녹거나 Crack발생 - 내화학성 없음)
 - ① Type of test : Spread and submerge (테스트 방법 : 침전반응 방식)
 - ② Test cycle : Min. 30days (테스트 기간 : 30일 이상)
 - ③ Temperature : 20~30 degrees Celsius (사용 온도에 따라 화학성은 상이함, 통상온도 조건 테스트 시행 20~30℃)

○ = PASS, △ = ACCEPTABLE, X = FAIL