



**product description:**

halogen-free rigid pipes suitable for distribution systems in apartments and industrial environments  
 pipes to diameter 40 are necked, dimension 50 - 63 are fitted with couplings  
 the pipes are intended for installation to the distribution of low voltage  
 from a fire point of view halogen-free pipes used in areas with an emphasis on the safety of people and property, for example:  
 public buildings, hospitals, schools, theaters, airports, shopping centers ...  
 possibility to install in places with risk of flammable gases and vapor – danger zone 2  
 possibility to install in places with explosive risk of dust – danger zone 22  
 the black pipes are UV-stabilized  
 the pipes are also available for fire resistance system (see catalog Systems with maintained functionality in fire)

material: PC ABS

halogen-free: yes

color: light grey RAL 7035, black RAL 9003

self-snuffing: yes, within 30 s

temperature resistance: -45 - +90 °C

fire class for underlying material: A1-F

UV stable: light grey NO / black YES

mechanical resistance: 750 N / 5 cm

classification according to EN 61386-1 ed. 2: 33521

mechanical protection according to EN 50102: IK07

fire resistance system: P 90-R, E 90, PS 90

certification: EN 61386-1 ed.2:09, EN 61386-21:04, EN 50102, ČSN 73 0895, DIN 4102-12, STN 92 0205

storage: ČSN 64 0090

length tolerance: ± 10 mm



recommendations: manufacturer recommends the assembling of plastic pipes at the temperature over 0 °C

**accessories:**

elbows: 4116HF, 4120HF, 4125HF, 4132HF, 4140HF  
 connectors: 0216HF, 0220HF, 0225HF, 0232HF, 0240HF  
 clamps: 5316EHF, 5320HF, 5325HF, 5332HF, 5340HF

item number	dn outer Ø (mm)	di min. inner Ø (mm)	length (m)	weight (kg/m)	package (m)	UV stable	colour
<b>4016EHF_FA</b>	16	12,7	3	0,07	30	yes	black RAL 9005
<b>4016EHF_KA</b>	16	12,7	3	0,07	30	no	light grey RAL 7035
<b>4020HF_FA</b>	20	16,7	3	0,10	30	yes	black RAL 9005
<b>4020HF_KA</b>	20	16,7	3	0,10	30	no	light grey RAL 7035
<b>4025HF_FA</b>	25	21,0	3	0,15	30	yes	black RAL 9005
<b>4025HF_KA</b>	25	21,0	3	0,15	30	no	light grey RAL 7035
<b>4032HF_FA</b>	32	28,0	3	0,20	30	yes	black RAL 9005
<b>4032HF_KA</b>	32	28,0	3	0,20	30	no	light grey RAL 7035
<b>4040HF_FA</b>	40	35,4	3	0,29	30	yes	black RAL 9005
<b>4040HF_KA</b>	40	35,4	3	0,29	30	no	light grey RAL 7035