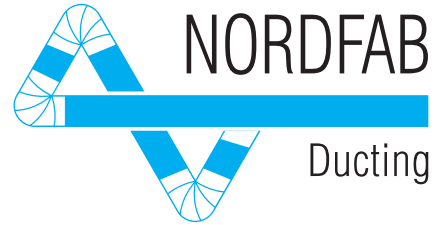


# Nordfab In-line Spark Trap



## Complementary Fire Prevention for Your Dust Collection System

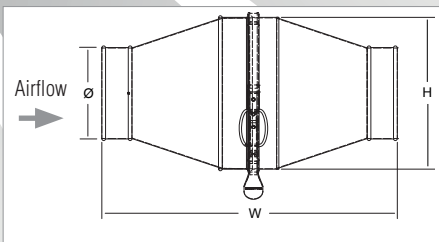
### Simple, Economical Fire Protection

Installed in ducting as part of a dust collection system, the Nordfab In-line Spark Trap greatly reduces the possibility of fire in cyclones / collectors by decreasing the number of sparks which could reach the cyclone or collector through the ductwork.

The spark trap's effectiveness is based on a simple principle—disrupting the laminar airflow to cause sparks to cool and extinguish before they can enter a cyclone / collector. There are no moving parts and no power is required for operation.

### Quick, Easy Installation and Cleanout

Quick-Fit clamp-together ducting eliminates rivets, screws, and welding, significantly reducing the time required to install or replace ducting. The Nordfab In-line Spark Trap can quickly and easily be mounted into Quick-Fit ducting systems, or other duct systems with use of a Nordfab adapter, and the trap can easily be removed for cleanout. Calibration or other assistance from a factory technician is not required.



Must be mounted in a horizontal position.

NOTE: The Nordfab In-line Spark Trap is not a replacement for spark detection or explosion isolation systems. Complementary device only.

Contact:

NORDFAB DUCTING CO., LTD.

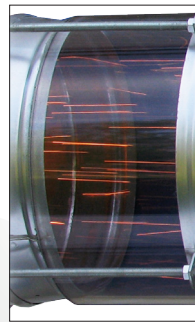
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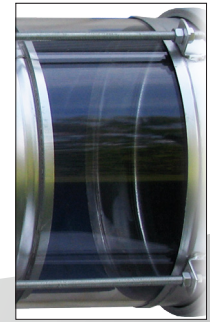


↑  
sparks visible in  
airstream entering trap  
(closeup below)



↑  
**Nordfab In-line  
Spark Trap (shown  
with viewing spools  
on either side)**

↑  
airstream exiting trap  
(closeup below)



| Ø mm | Part no.<br>Galvanised Steel / SS | Pressure loss in Pa<br>at 15 m / s. | Height mm | Width mm | Weight kg |
|------|-----------------------------------|-------------------------------------|-----------|----------|-----------|
| 100  | 55010-100 / 55020-100             | 212                                 | 180       | 466      | 2.8       |
| 125  | 55010-125 / 55020-125             | 212                                 | 224       | 504      | 3.2       |
| 160  | 55010-160 / 55020-160             | 224                                 | 280       | 546      | 3.7       |
| 200  | 55010-200 / 55020-200             | 274                                 | 350       | 606      | 5.0       |
| 250  | 55010-250 / 55020-250             | 299                                 | 400       | 606      | 5.9       |
| 315  | 55010-315 / 55020-315             | 336                                 | 500       | 676      | 6.8       |
| 400  | 55010-400 / 55020-400             | 361                                 | 630       | 766      | 7.3       |
| 450  | 55010-450 / 55020-450             | 299                                 | 710       | 826      | 15        |
| 500  | 55010-500 / 55020-500             | 311                                 | 810       | 926      | 21        |
| 560  | 55010-560 / 55020-560             | 300                                 | 920       | 1026     | 26        |
| 630  | 55010-630 / 55020-630             | 315                                 | 1020      | 1086     | 33        |
| 710  | 55010-710 / 55020-710             | 320                                 | 1150      | 1186     | 39        |

Duct distance recommended: At least ten diameters from cyclone / collector  
Velocity: 1500 - 5000 fpm (7.62m/sec - 25.4m/sec)