



SFS intec, Inc. Wyomissing, PA

LABORATORY TEST REPORT

Date: 4/4/16

No: 5280.16

Test: Pull-out

By: K. Reinheimer

SCOPE:

Test pull-out of SX3-D12 fasteners from 18ga (33ksi) for customer.

TEST MATERIAL:

1271253: SX3/15-D12-5,5x30
18ga (.048"nom): 33 ksi min test strips

EQUIPMENT:

Dillon Model DTM tensile test machine.
Dillon 2000 Lb load cell.
DeWalt DW 284 2500 rpm max Screw Gun.

TEST METHOD:

Pull-out:

Per T-0750

TEST DATA:

Table 1: SX3-D12 Fastener Pull-out Results from 18 ga steel (33 ksi):

Trial	Result (lbs)
1	497
2	491
3	477
4	522
5	463
6	501
7	533

Average	497
Std Dev	24.2

CONCLUSION:

The values expressed herein are ultimate strength values, which were the result of laboratory testing. Appropriate safety factors should always be utilized in design and other possible failure modes should also be considered.