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Snapp Products of Sweden  
Sjöanäs 2  
Tolg  
360 40 Rottne

## Determination of impact strength and ring stiffness according to SPF Verksnorm 5200

### Object

Conduit polypropylene (PP) pipes Ø 110 mm, class SRN, assembled from half pipes.

### Delivered

September 8, 2010

The Client delivered to SP 25 conduit pipes Ø 110 mm, with a length of about 1 meter, made according to the Client from polypropylene, designed for class SRN. The pipes were black with yellow lock devices and they were designated Snipp Snapp SRN.

## TEST RESULTS

### Impact strength

Pipe designation	B <sub>50</sub> -value, mm			
	Temperature +20°C		Temperature -10°C	
	along	cross	along	cross
Snipp Snapp SRN	>1800	>1800	1400	1470

*Test method:* SS 424 14 37 issue 4  
*Falling height:* ± 10 mm  
*Falling weight:* 5 kg  
*Striker tolerance:* ± 0.005 kg  
*Date of test :* October 27 and November 2, 2010

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**Ring stiffness**

Pipe designation	Ring stiffness kN/m <sup>2</sup>
Snipp Snapp SRN	
1	4.59
2	4.74
3	4.71
Mean value	<u>4.7</u>

Test method: SS 3519:1986  
The total calculated uncertainty is < 2%  
Date of test : October 26, 2010

**Conclusion**

The conduit pipes designated Snipp Snapp SRN fulfils the requirements for impact strength and ring stiffness for class SRN according to SPF Verksnorm 5200.

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