

# N O R U M O R



This is a flexible polyethylene insulating sheath with a scratch resistant protective covering. It is the most economical and practical solution for reducing audible noise from water pipes and drains.



advanced elastomeric thermal and acoustic insulation materials

# NORUMOR

**Type of material:** Flexible polyethylene foam (PEF) with scratch resistant protective coating.

**Product range:** Tubes in rolls with diameters from 40 to 140 mm and a thickness of 4 mm

**Fields of application:** Acoustic insulation of drainage systems.

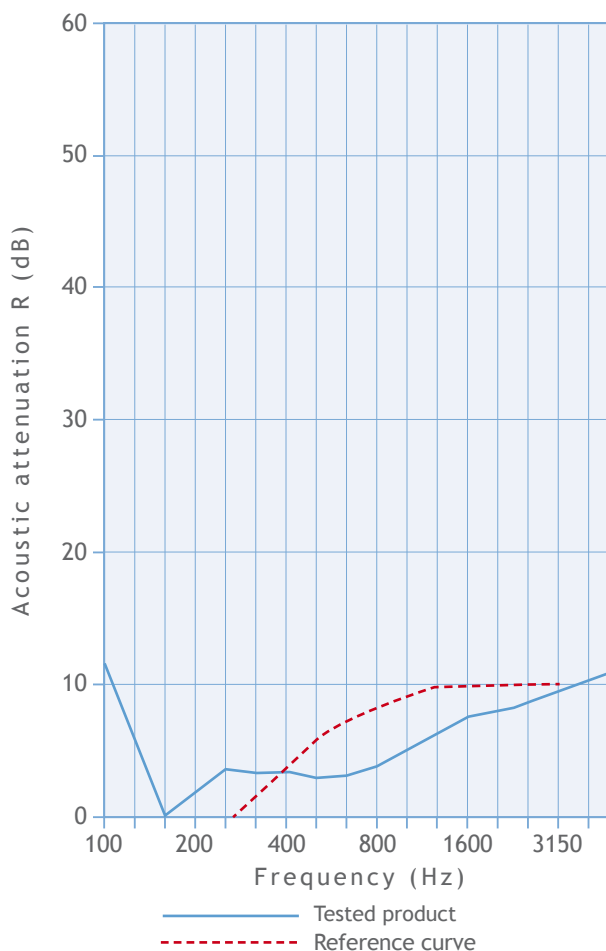
## ACOUSTIC INSULATION TEST

(Ref. European Standards UNI EN ISO 10140-1-2 - UNI EN ISO 717 -)

Sample area  $S = 1,50 \text{ m}^2$   
 Volume of the receiving room  $V = 69,6 \text{ m}^3$   
 Volume of the transmitting room  $86 \text{ m}^3$

FREQ. Hz	R dB	U dB
100	12,1	1,6
125	3,9	1,4
160	0,4	1,5
200	2,5	1,4
250	4,0	1,0
315	2,9	1,0
400	3,2	0,8
500	2,6	0,7
630	2,8	0,7
800	3,7	0,7
1000	4,5	0,6
1250	5,4	0,6
1600	6,4	0,6
2000	7,2	0,6
2500	8,0	0,6
3150	9,4	0,6
4000	10,5	0,6
5000	11,7	0,6

$R_w (C; C_{tr}) = 6 (-1; -3) \text{ dB}$   
 $K=2.00 - 95\%$



### TEST RESULTS WITH NORUMOR THICKNESS 4 mm

Sound level of drainage pipe	70 dB (A) -
Noise reduction with NORUMOR	6 dB (A) -
Noise reduction of the walling	32 dB (A) =
MEASURED AMBIENT NOISE LEVEL	32 dB (A)

**NB:** For drainage pipes, the current legislation imposes a limit of 35 dB as being the level of noise not to be exceeded in the environment.

All the normatives quoted in this document are updated to the latest issued versions.  
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