

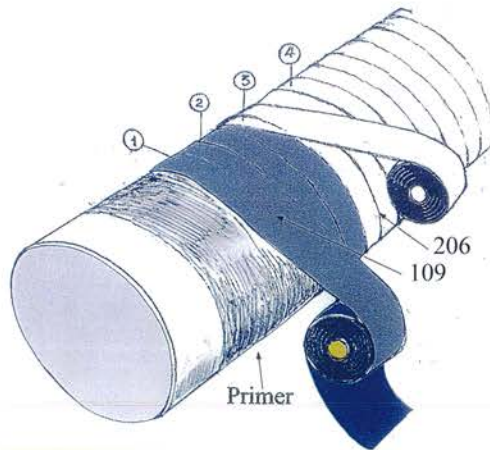
Product Data Sheet

SERIES 109 INNER



- Backing** Special blend of stabilized polyethylene
- Adhesive** Butyl rubber and Adhesion Promoting Resins
- Color** Black

Application



Photo



PRODUCT PROPERTIES	TEST METHOD	109.15	109.20	109.25	109.30
Total Thickness	ASTM D1000	15 mils	20 mils	25 mils	30 mils
Backing of PE film	ASTM D1000	9 mils	12 mils	13 mils	10 mils
Butyl Rubber Adhesive	ASTM D1000	6 mils	8 mils	12 mils	20 mils
Tensile Strength	ASTM D1000	40 N/cm.	55 N/cm.	62 N/cm.	70 N/cm.
Elongation	ASTM D1000	300 %	330 %	350 %	400 %
Peel Adhesion to Primed Steel	ASTM D1000	24.5 N/cm.	25 N/cm.	26.5 N/cm.	30 N/cm.
Water Vapor Transmission Rate	ASTM E 96	0,10 g/m ²	0,10 g/m ²	0,09g/m ²	0,08g/m ²
Water Absorption	ASTM D570	0,10%	0,10%	0,08%	0,06%
Volume Resistance	ASTM D257	2.0x10 ¹⁵ ohm.cm.	2.5x10 ¹⁵	2.5x10 ¹⁵	2.5x10 ¹⁵
Dielectric Strength	ASTM D149	30 Kv	35 kV	42 kV	43 Kv
Application Temperature		-20°C to +70°C			
Max Serve Temperature		-35°C to +80°C			
Recommended Primer		P27 or P19			

The typical values given are the average of minimum and maximum values defined by Coatec s.r.l. for acceptance of the product. The values measured according to standard procedures, are obtained from specimen of samples collected according to Coatec s.r.l. test procedures, and conditioned under controlled conditions. In absence of purchasing specifications for the inspection and acceptance of the product, Coatec s.r.l. will refer to its procedures, conditions and tolerances. Values obtained on site will vary depending on the test methods and conditions. Whilst Coatec s.r.l. warrants its products to be free of material and manufacturing defects, Coatec s.r.l. disclaims any liability in connection with the misuse of Coatec s.r.l. products.