

# Insulating sleeving PLIOPRENE TPE in thermoplastic elastomer



PLIOPRENE TPE

-40 tp +125°C




## PLIOPRENE TPE

<b>Material:</b>	Polypropylene + EPDM irradiated
<b>Density :</b>	0,97 g/cm <sup>3</sup>
<b>Hardness :</b>	75 shore A
<b>Tensile strength :</b>	8 N/mm <sup>2</sup>
<b>Ultimate elongation :</b>	> 400 %
<b>Volume resistivity :</b>	9x10 <sup>14</sup> Ωxcm
<b>Dielectric strength :</b>	35 kV/mm
<b>Temperature range :</b>	-40 to +125°C +150°C (peak)
<b>Colour :</b>	black
<b>Flame resistance :</b>	UL94 HB
<b>Specifications :</b>	FMVSS302 / ISO3795 DIN75200 / FAR25.853 halogen free

**Properties :** Plioprene TPE is a thermoplastic elastomer, based on a mixture of Polypropylene and irradiated EPDM. This product has high thermal characteristics and a good resistance to ozone and weather. It is highly elastic and offers a high degree of abrasion. This material has moderate resistance to oil and hydrocarbons, but it has very good resistance to water, aqueous salt solutions, detergents and acids.



type	article number		dimensions	wall	dimensions
			Ø i.d. mm	thickness mm	Ø o.d. mm
PLIOPRENE TPE 2	0207 0002 010	50	2	0,40	2,8
PLIOPRENE TPE 3	0207 0003 010	50	3	0,40	3,8
PLIOPRENE TPE 4	0207 0004 010	50	4	0,50	5,0
PLIOPRENE TPE 5	0207 0005 010	50	5	0,55	6,1
PLIOPRENE TPE 6	0207 0006 010	25	6	0,60	7,2
PLIOPRENE TPE 8	0207 0008 010	25	8	0,65	9,3
PLIOPRENE TPE 10	0207 0010 010	25	10	0,70	11,4
PLIOPRENE TPE 12	0207 0012 010	25	12	0,80	13,6
PLIOPRENE TPE 14	0207 0014 010	25	14	0,80	15,6

New