



Demister (Mist Eliminator)

Features

When vapor and entrained liquid pass the Mist eliminator pad, the liquid droplets from the gas stream contact the wire surfaces and stick there and grow until that can not be held there because of its size, and fall off. In the mean time the vapor goes through the Mist eliminator pad is pure, containing no liquid, no dirt and no dust.



Style and Their Feature

T.C.I	Density kg/m3	FreeVolume %	SurfaceArea m2/m3	Products of Other Companies							
				Metex	York	Becoil	Knitmesh	Vico-Tex	Uop	Koch	Acs
D80	80	99.0	158	Hi-Thruput	931	954	4536	160	B	511	7CA
D120	120	98.5	210		422						
D144	144	98.2	280	Nu-Stanadrd	431		9030	280	A	911	4CA
D128	128	98.4	460		326			415		706	
D193	193	97.5	375	Xtra-Dense	421	890	9033	380	C	1211	4BA
D300	300	96.2	575								
D390	390	95.0	750								
D220	220	97.2	905								
D432	432	94.5	1780	Multi-Strand	333			800			
D220	220	97.2	428	Wound							
D160	160	96.7	5000		371						

Note: we suggest you to use TCI D144.

PVDF TELLERETTE 2K



Poly(vinylidene fluoride), or PVDF, has a few things going for it. It has very high electrical resistance, and it has good flame resistance. Put these two bits of information together and it might dawn on you that this would make a good material for insulating electrical wires, especially ones that get hot during use. So you'll find it insulating the wires in the computer you're using right now. Electrical cables on airplanes are also insulated with PVDF, where it's important that practically everything on board be fireproof. It's also chemically resistant, so you'll find it used in the chemical industry to make pipes and bottles and such that hold chemicals. What about ultraviolet radiation? PVDF resists that, too. PVDF is often blended with poly(methyl methacrylate) (PMMA) to make it more resistant to UV light. PMMA degrades when exposed to UV radiation, so if we want to make PMMA windows for use outside we have to blend it with PVDF.

Physical Properties of Range of Tellerettes®

Nominal Packing Size	Maximum Dimension OD	Loop Height	Free Volume (%)	Surface Area m ² /m ³	Avg. Packing Factor
#1R	46mm	19mm	87	180	36
#2R	70mm	25mm	93	125	18
#2K	83mm	32mm	95	92	11
#3R	95mm	38mm	92	98	16
#3K	105mm	56mm	96	72	9

Materials of Construction of Type 2R Tellerettes®

Material	P/E	P/P	PVC	CPVC	KYNAR*	TEFZEL**
Operating Temperature ^o	82°C	93°C	54°C	93°C	135°C	149°C
Weight kg/m ³	61	61	100	109	106	132